

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106390.D
 Acq On : 13 Jun 2018 14:50
 Operator : JU/SJ
 Sample : PB110210BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Manual Integrations
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Sohil
 6/14/2018 2:47:35 PM

Quant Time: Jun 14 02:59:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127615	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	494536	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	246335	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	511722	20.00	ng	0.00
75) Chrysene-d12	14.15	240	454856	20.00	ng	-0.01
86) Perylene-d12	15.68	264	364075	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	831612	110.29	ng	-0.01
7) Phenol-d6	6.61	99	985710	103.47	ng	-0.01
23) Nitrobenzene-d5	7.53	82	667706	79.43	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	327488	138.17	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1167897	83.83	ng	0.00
78) Terphenyl-d14	13.08	244	1509565	82.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	119196	30.546	ng	95
3) Pyridine	3.63	79	360144	33.118	ng	99
4) n-Nitrosodimethylamine	3.59	42	159493	32.016	ng	98
6) Aniline	6.63	93	321466	23.110	ng	# 65
8) 2-Chlorophenol	6.77	128	300565	37.068	ng	99
9) Benzaldehyde	6.52	77	199662	27.632	ng	98
10) Phenol	6.62	94	388566	37.364	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	306537	34.432	ng	100
12) 1,3-Dichlorobenzene	6.91	146	340197	35.648	ng	99
13) 1,4-Dichlorobenzene	6.98	146	342910	35.409	ng	99
14) 1,2-Dichlorobenzene	7.14	146	319557	35.052	ng	98
15) Benzyl Alcohol	7.11	79	279765	34.293	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	456209	35.748	ng	# 13
17) 2-Methylphenol	7.23	107	251203	34.724	ng	# 89
18) Hexachloroethane	7.48	117	122297	35.441	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	224043	31.349	ng	98
20) 3+4-Methylphenols	7.38	107	343855	37.168	ng	93
22) Acetophenone	7.37	105	430188	34.518	ng	# 99
24) Nitrobenzene	7.55	77	338007	36.994	ng	99
25) Isophorone	7.78	82	609256	37.105	ng	97
26) 2-Nitrophenol	7.86	139	160899	45.369	ng	92
27) 2,4-Dimethylphenol	7.91	122	275504	39.634	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	389825	36.615	ng	99
29) 2,4-Dichlorophenol	8.12	162	272053	40.568	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	274782	36.544	ng	94
31) Naphthalene	8.27	128	835077	37.354	ng	99
32) Benzoic acid	8.02	122	156278	33.142	ng	92
33) 4-Chloroaniline	8.32	127	161339	16.285	ng	99
34) Hexachlorobutadiene	8.38	225	175778	36.388	ng	98
35) Caprolactam	8.68	113	88531m	39.030	ng	
36) 4-Chloro-3-methylphenol	8.81	107	284753	38.387	ng	97
37) 2-Methylnaphthalene	8.96	142	595957	39.140	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	297544	37.208	ng	98
40) Hexachlorocyclopentadiene	9.11	237	351540	79.677	ng	99

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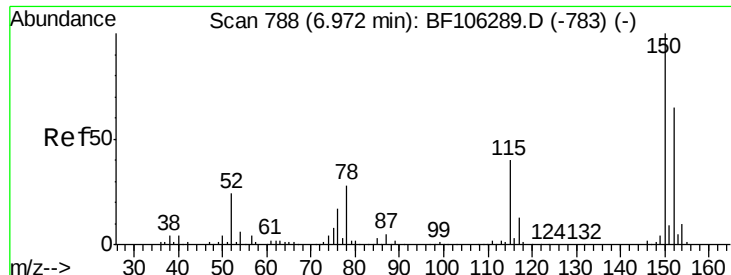
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	207183	40.655	ng	98
43) 2,4,5-Trichlorophenol	9.31	196	214303	39.008	ng	# 92
45) 1,1'-Biphenyl	9.42	154	698814	36.626	ng	98
46) 2-Chloronaphthalene	9.45	162	563005	36.873	ng	97
47) 2-Nitroaniline	9.55	65	197335	41.083	ng	86
48) Acenaphthylene	9.87	152	907922	38.848	ng	98
49) Dimethylphthalate	9.72	163	666566	37.875	ng	# 99
50) 2,6-Dinitrotoluene	9.79	165	146488	40.748	ng	99
51) Acenaphthene	10.04	154	537507	35.613	ng	99
52) 3-Nitroaniline	9.96	138	112322	26.325	ng	94
53) 2,4-Dinitrophenol	10.07	184	158035	94.053	ng	# 21
54) Dibenzofuran	10.21	168	776070	38.184	ng	96
55) 4-Nitrophenol	10.15	139	251723	76.968	ng	91
56) 2,4-Dinitrotoluene	10.19	165	206381	45.716	ng	# 95
57) Fluorene	10.56	166	616484	38.284	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	189894	43.611	ng	# 84
59) Diethylphthalate	10.42	149	659385	37.748	ng	# 94
60) 4-Chlorophenyl-phenylether	10.55	204	314371	37.118	ng	# 88
61) 4-Nitroaniline	10.58	138	173332	41.754	ng	95
62) Azobenzene	10.71	77	685332	37.625	ng	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	113349	41.971	ng	84
65) n-Nitrosodiphenylamine	10.67	169	589564	34.281	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	217318	37.338	ng	# 88
67) Hexachlorobenzene	11.11	284	227028	37.836	ng	# 84
68) Atrazine	11.19	200	201411	38.002	ng	97
69) Pentachlorophenol	11.31	266	214858	58.160	ng	99
70) Phenanthrene	11.52	178	952662	38.014	ng	98
71) Anthracene	11.58	178	974479	38.814	ng	97
72) Carbazole	11.73	167	889302	38.367	ng	98
73) Di-n-butylphthalate	12.05	149	1056109	40.939	ng	98
74) Fluoranthene	12.72	202	1072095	40.114	ng	96
76) Benzidine	12.84	184	657054	43.404	ng	98
77) Pyrene	12.95	202	1080784	37.953	ng	97
79) Butylbenzylphthalate	13.55	149	493823	46.327	ng	96
80) Benzo(a)anthracene	14.14	228	994193	36.729	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	179378	19.641	ng	# 97
82) Chrysene	14.18	228	933355	37.767	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	690169	45.157	ng	100
84) Di-n-octyl phthalate	14.74	149	1024589	46.500	ng	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	868130	44.015	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	823945	37.439	ng	97
88) Benzo(k)fluoranthene	15.26	252	750653	34.440	ng	# 97
89) Benzo(a)pyrene	15.62	252	757455	38.265	ng	# 97
90) Dibenzo(a,h)anthracene	17.27	278	719599	43.603	ng	# 95
91) Benzo(g,h,i)perylene	17.72	276	739928	46.135	ng	# 92

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

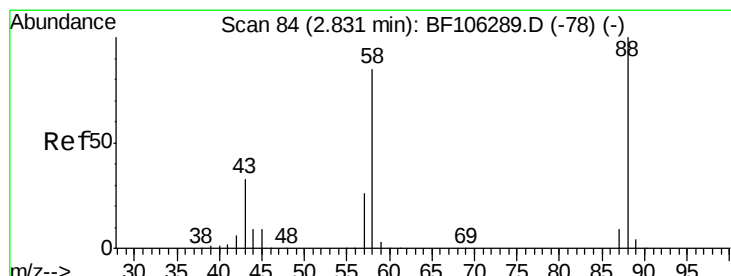
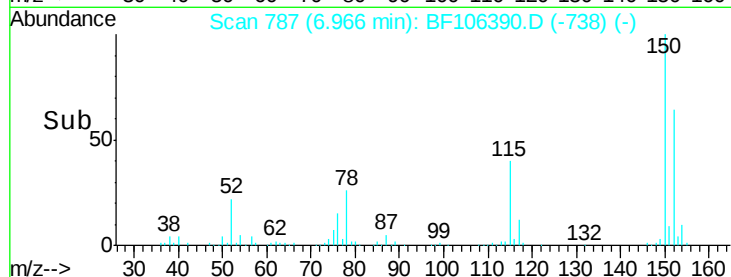
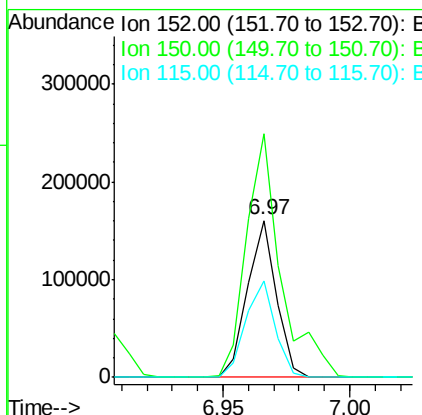
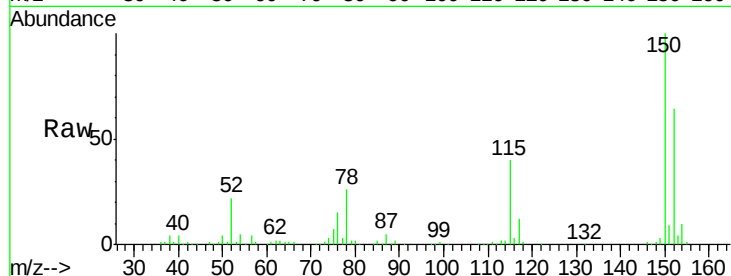
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	61.5	50.1	75.1

Manual Integrations
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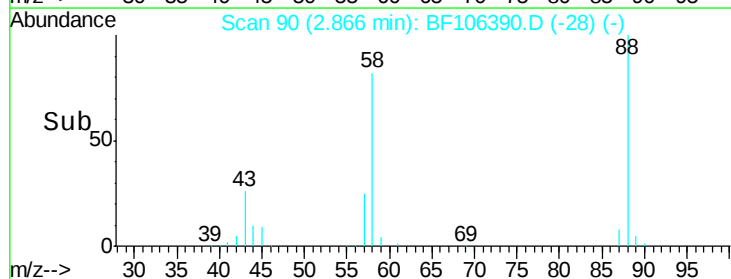
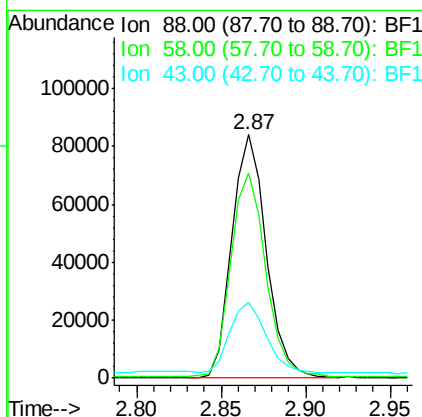
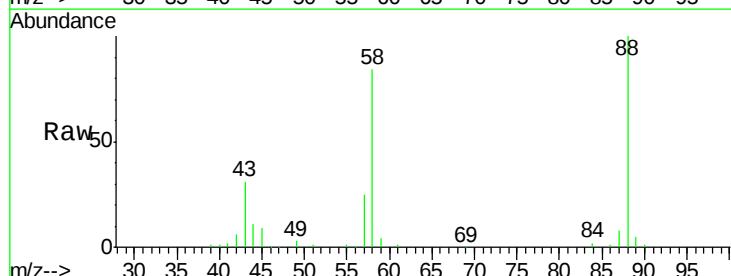
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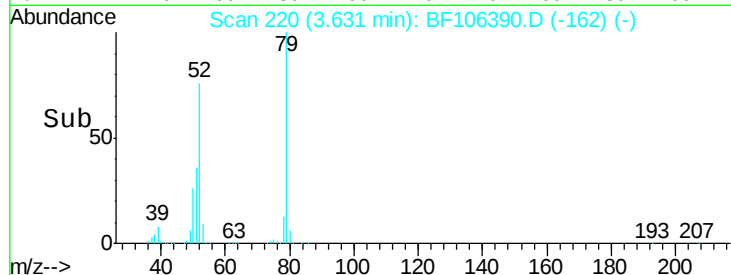
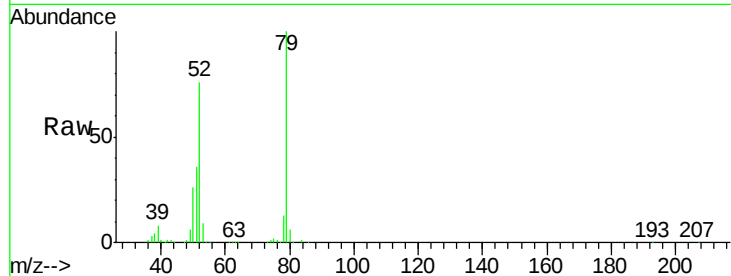
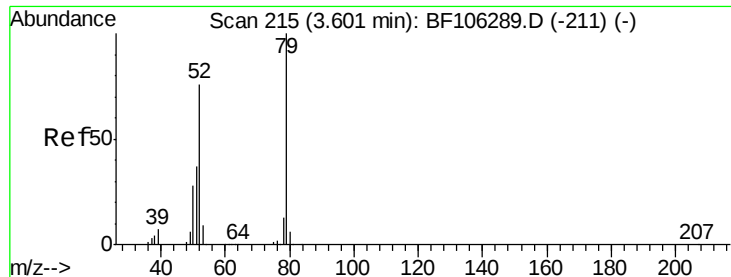


#2

1,4-Dioxane
 Concen: 30.546 ng
 RT: 2.87 min Scan# 90
 Delta R.T. 0.06 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	62.6	93.8
43	30.9	24.6	37.0





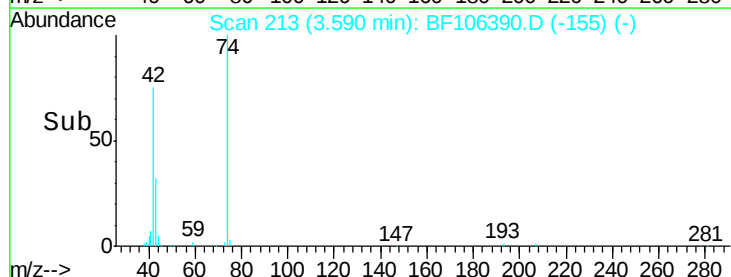
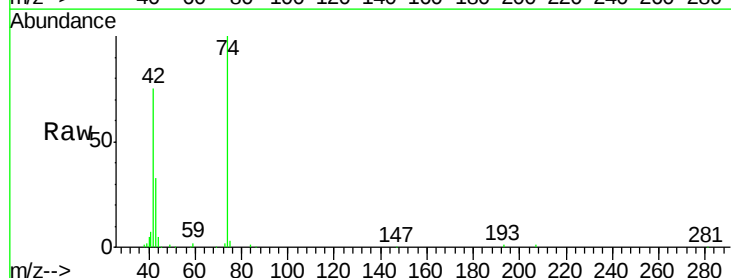
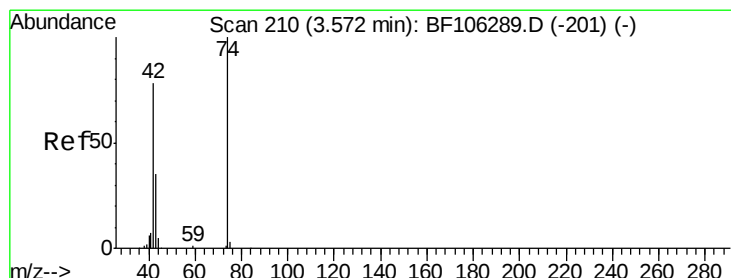
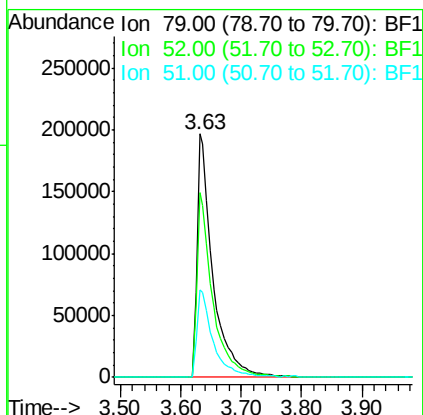
#3
 Pvrindine
 Concen: 33.118 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.04 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.8	59.8	89.6
51	36.2	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

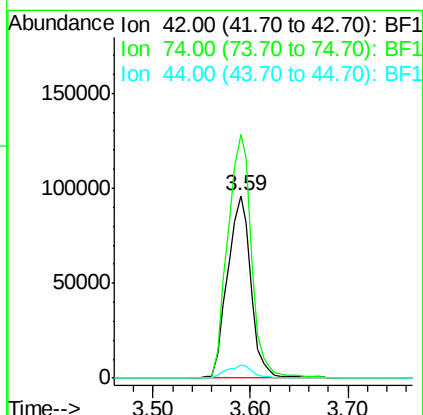
Manual Integrations
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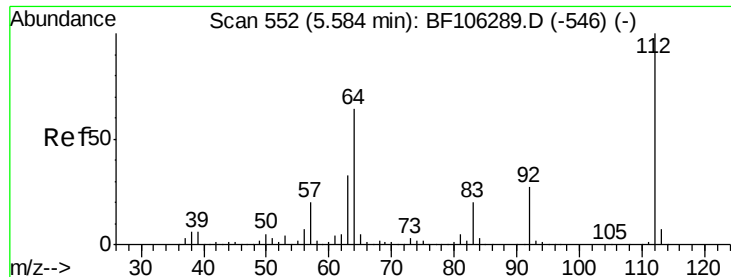
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#4
 n-Nitrosodimethylamine
 Concen: 32.016 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.04 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.7	104.9	157.3
44	7.3	6.9	10.3





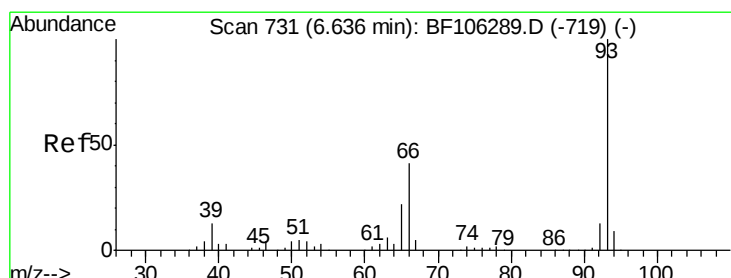
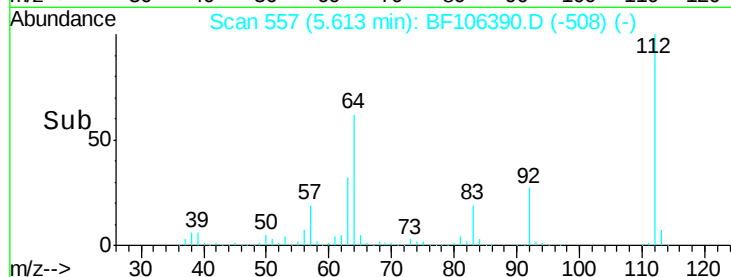
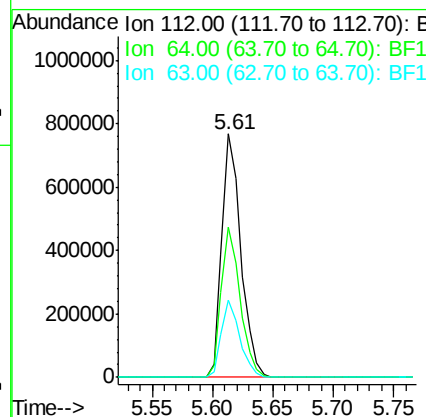
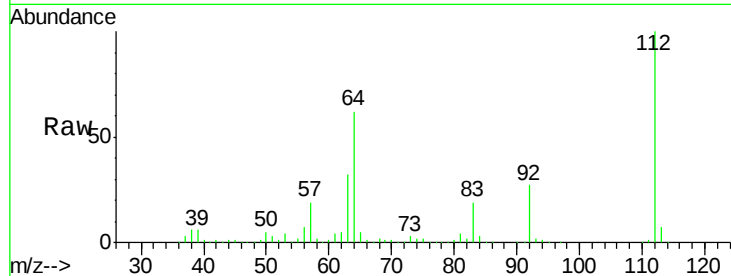
#5
2-Fluorophenol
Concen: 110.293 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	61.9	47.9	71.9
63	31.6	23.7	35.5

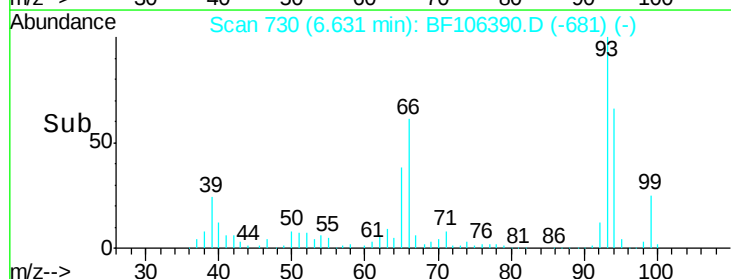
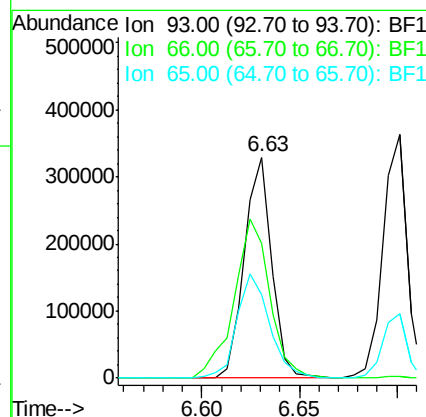
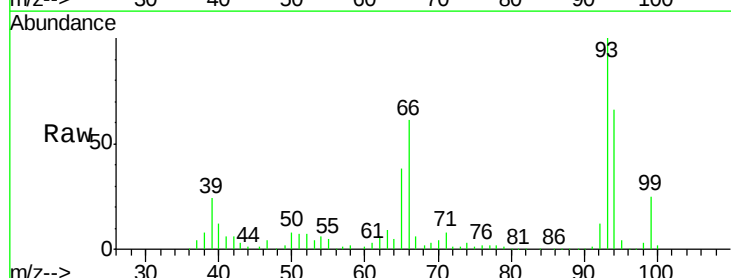
Manual Integrations
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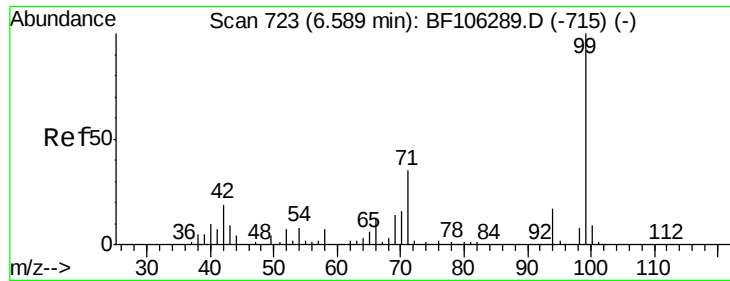
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#6
Aniline
Concen: 23.110 ng
RT: 6.63 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	61.0	32.2	48.2#
65	37.6	16.4	24.6#





#7

Phenol-d6

Concen: 103.474 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

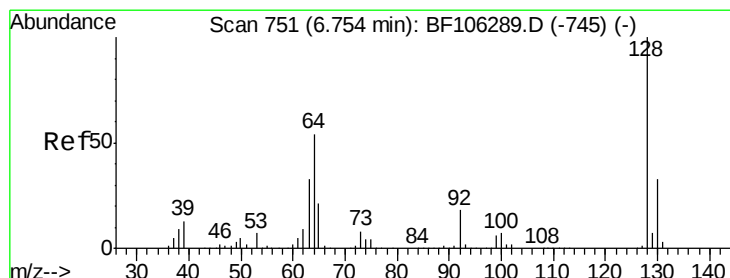
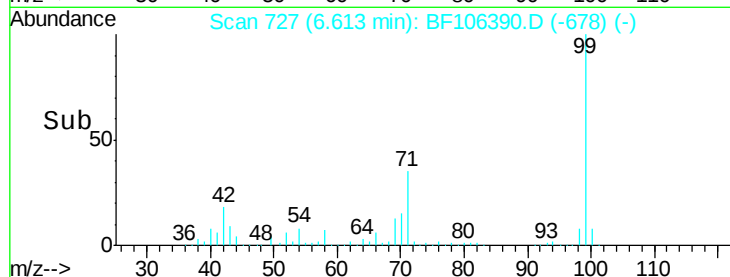
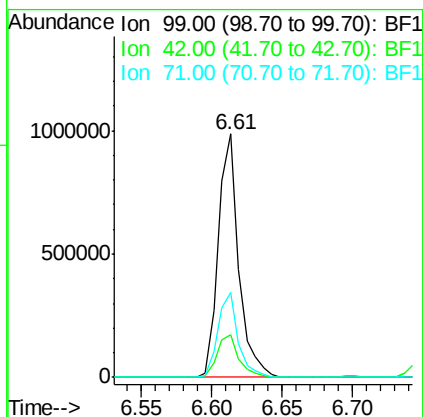
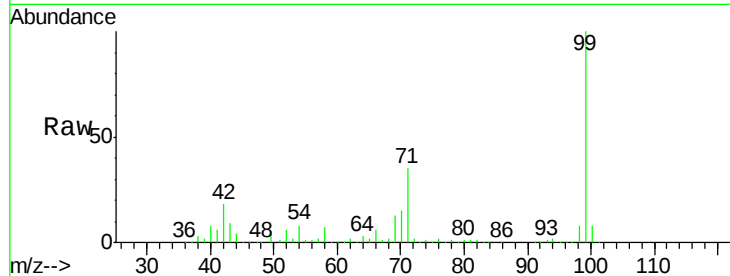
ClientSampleId :

PB110210BS

Tot Ion:	99	Resp:	985710
Ion Ratio		Lower	Upper
99	100		
42	17.6	14.5	21.7
71	35.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.068 ng

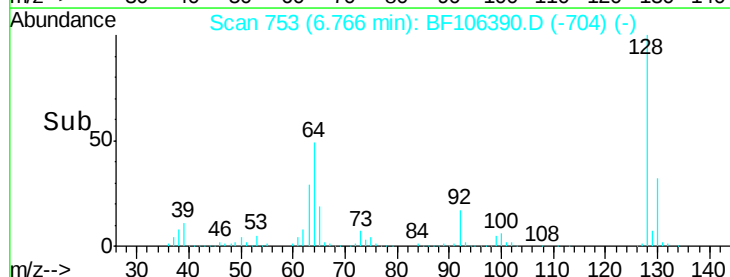
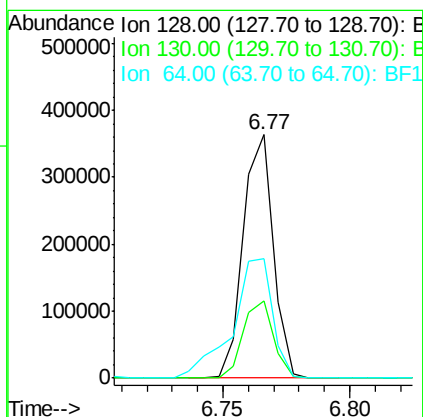
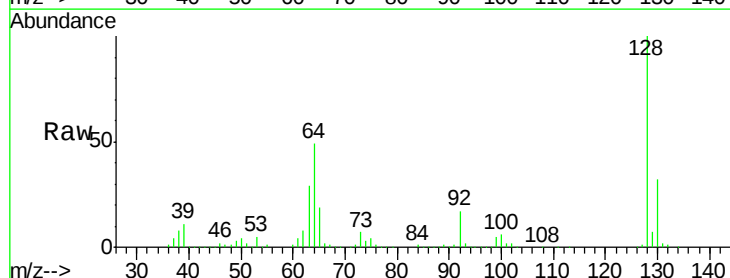
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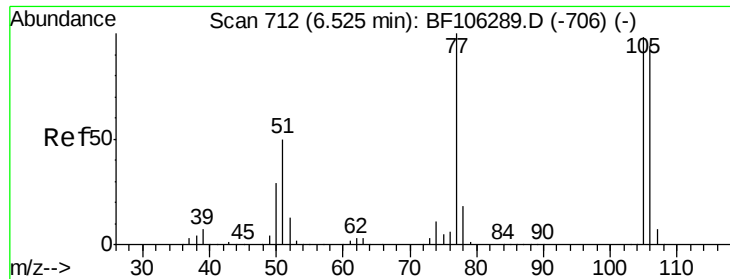
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:	128	Resp:	300565
Ion Ratio		Lower	Upper
128	100		
130	31.9	13.0	53.0
64	49.2	29.4	69.4





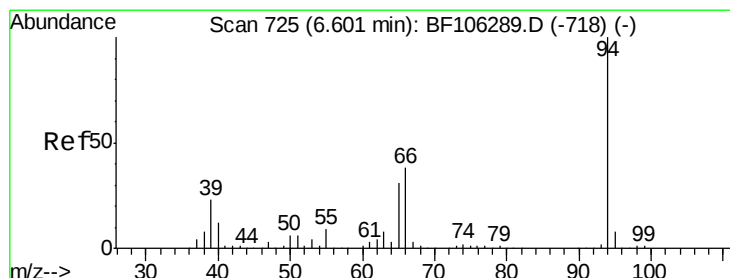
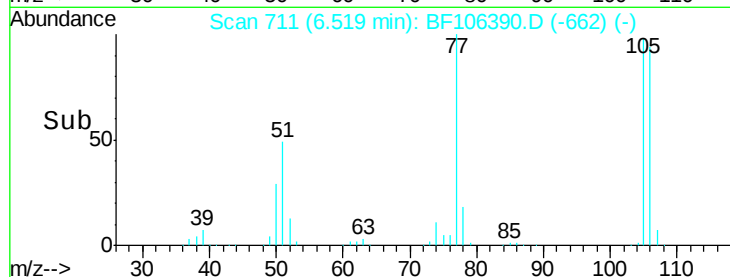
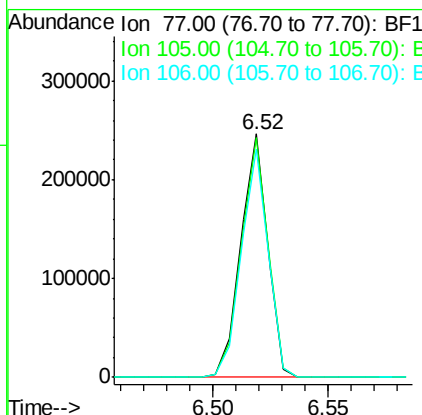
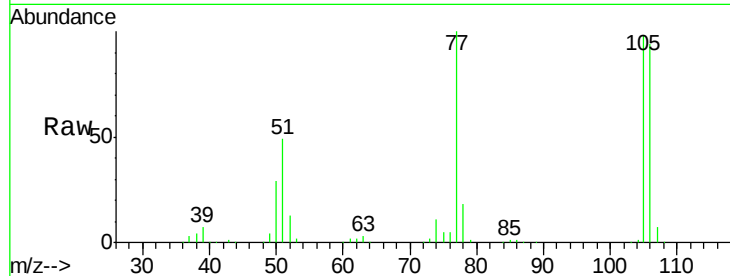
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Benzaldehyde
Concen: 27.632 ng
RT: 6.52 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.3	81.1	121.1
106	93.7	74.5	114.5

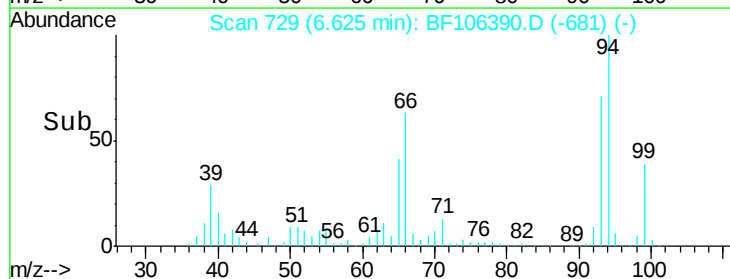
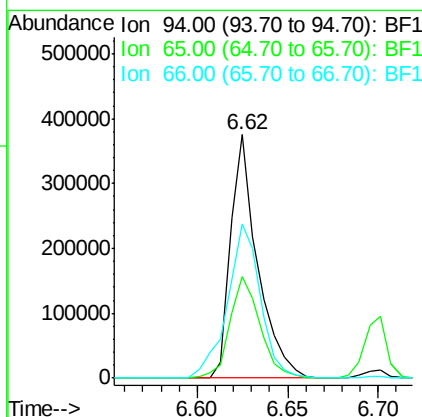
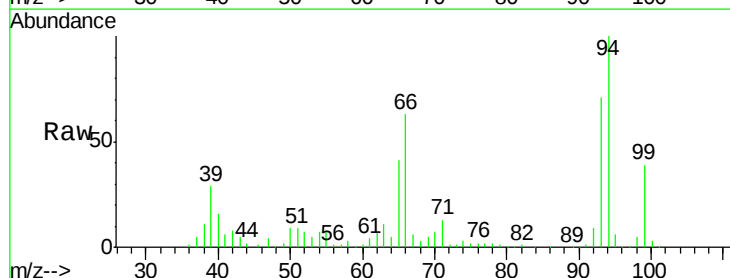
Manual Integrations
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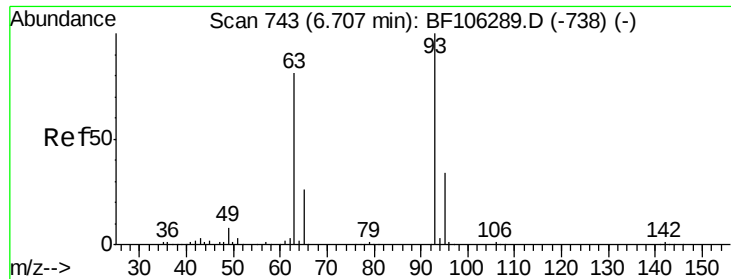
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#10
Phenol
Concen: 37.364 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.5	7.9	47.9
66	63.0	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 34.432 ng

RT: 6.70 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

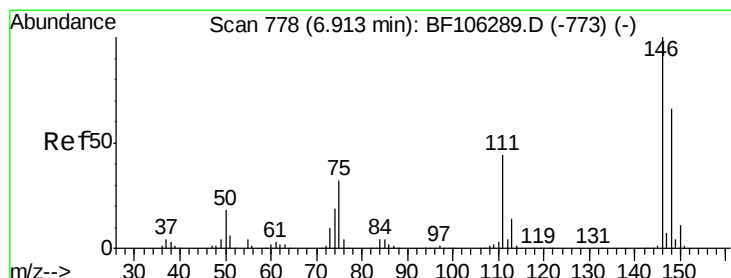
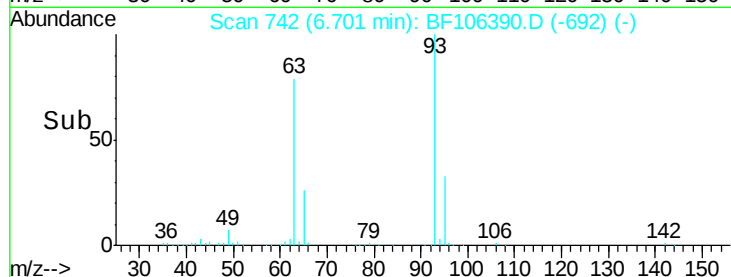
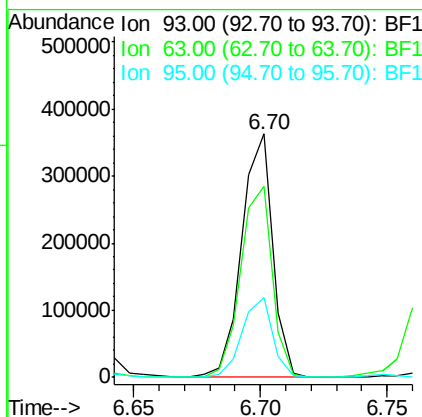
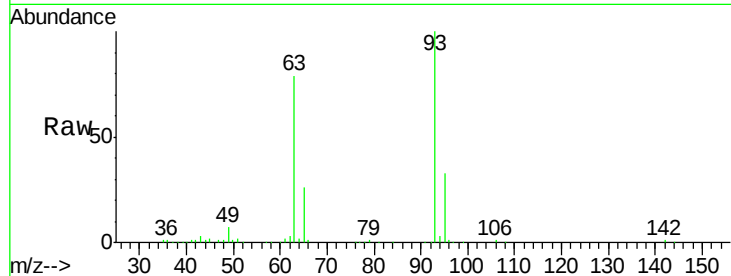
ClientSampleId :

PB110210BS

Tot Ion:	93	Resp:	306537
Ion Ratio	Lower	Upper	
93	100		
63	78.6	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 35.648 ng

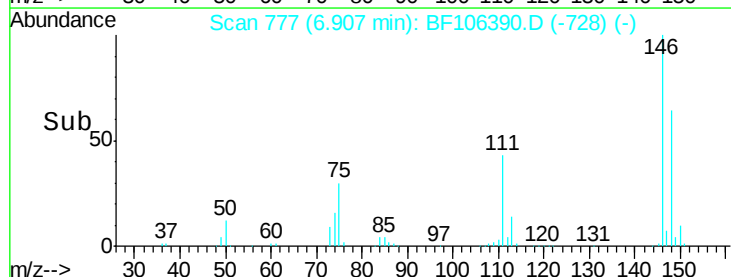
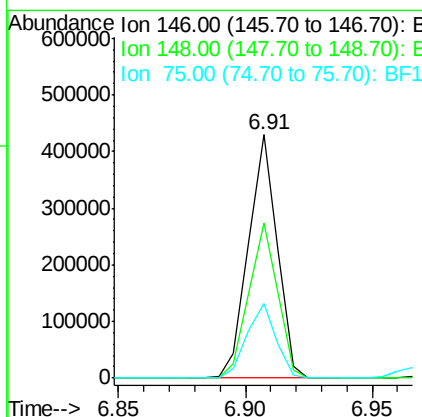
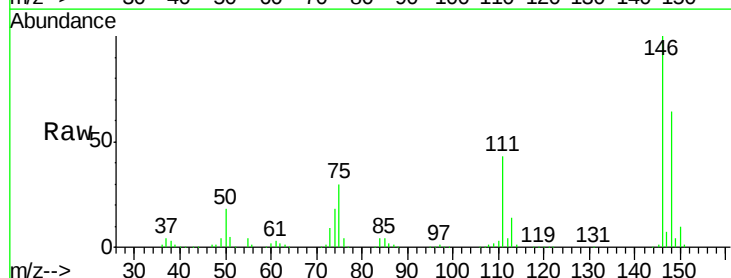
RT: 6.91 min Scan# 777

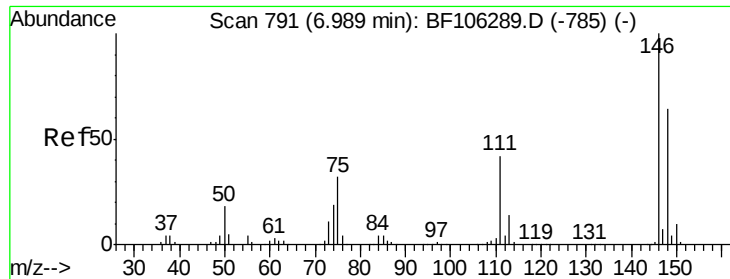
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:	146	Resp:	340197
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
75	30.5	24.2	36.4





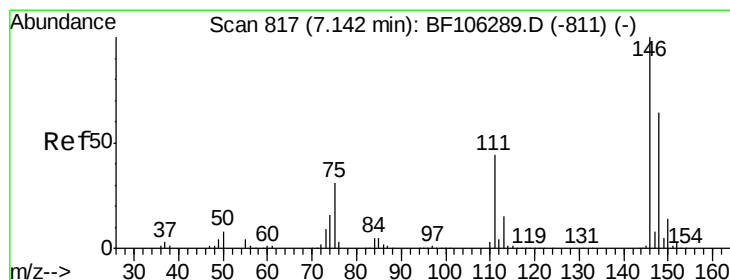
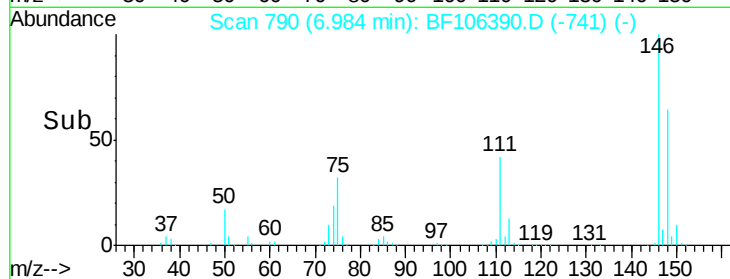
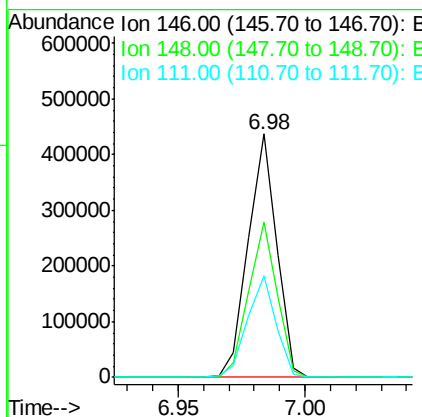
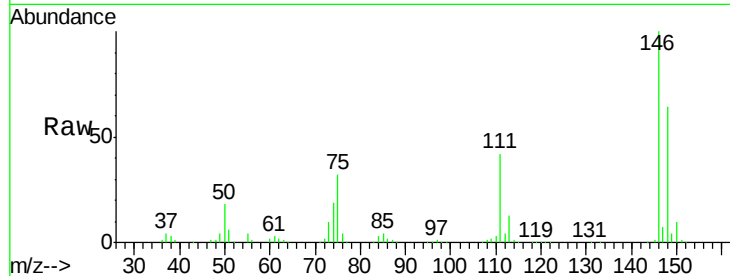
#13
1,4-Dichlorobenzene
Concen: 35.409 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	41.7	34.2	51.2

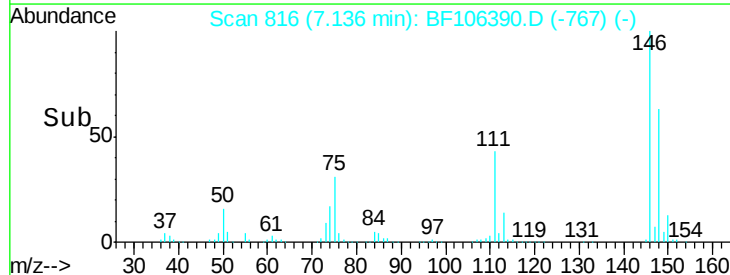
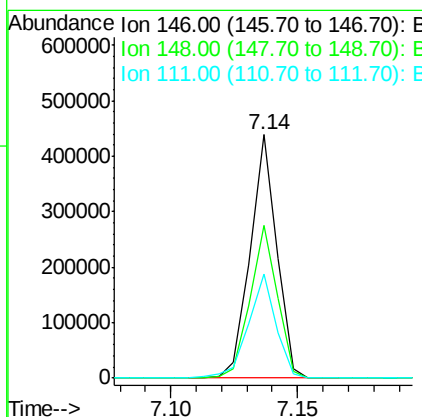
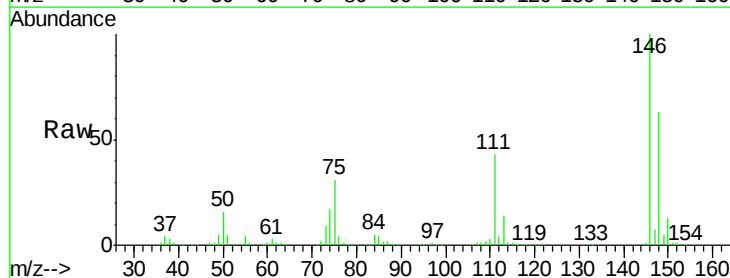
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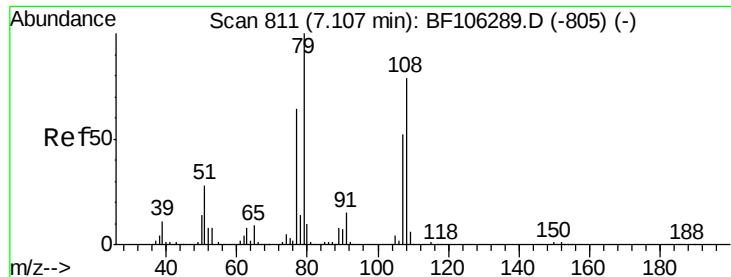
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#14
1,2-Dichlorobenzene
Concen: 35.052 ng
RT: 7.14 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.293 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

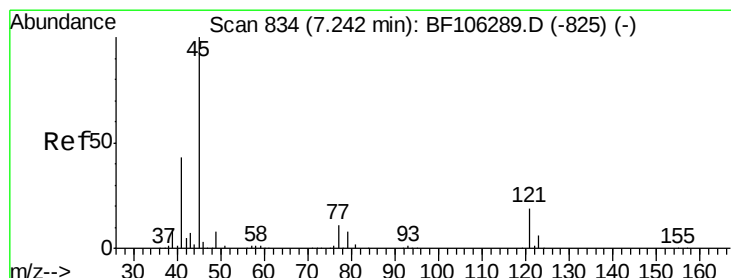
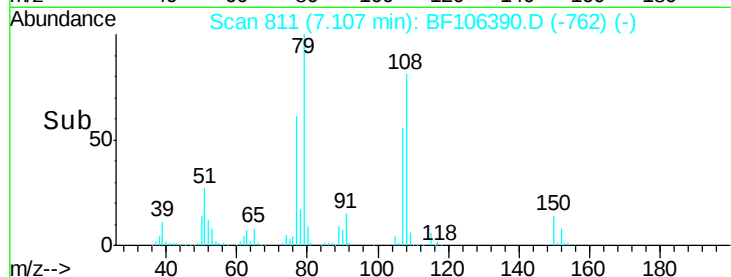
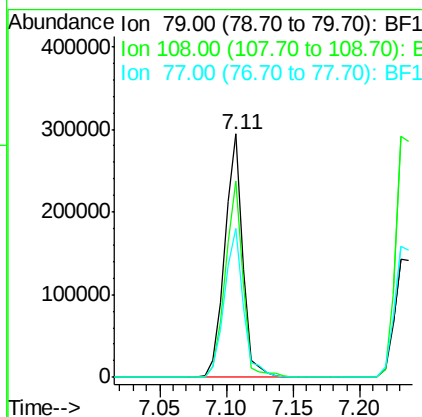
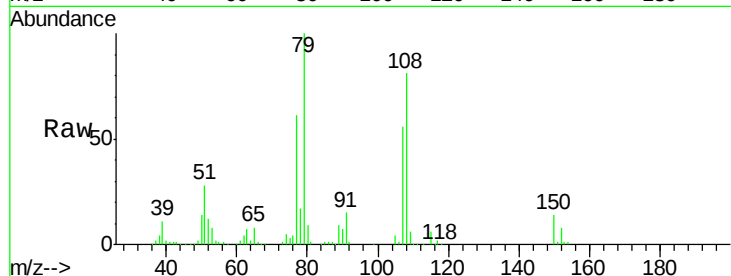
ClientSampleId :

PB110210BS

Tot Ion:	79	Resp:	279765
Ion Ratio	Lower	Upper	
79	100		
108	80.6	65.1	97.7
77	60.9	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.748 ng

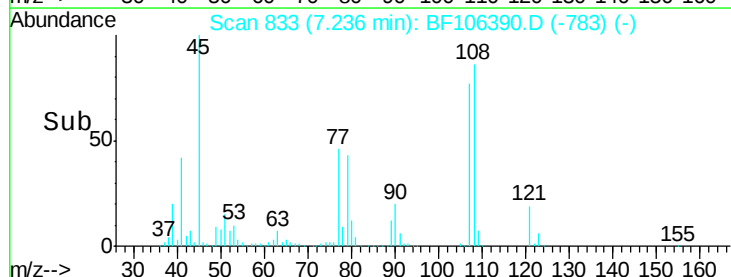
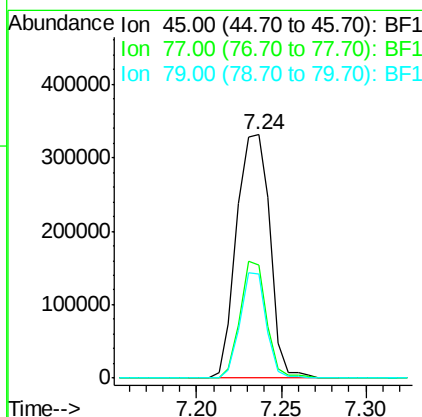
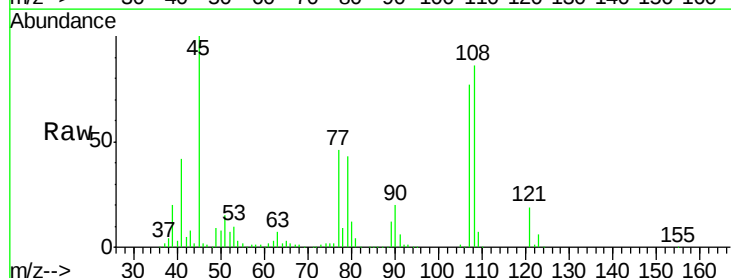
RT: 7.24 min Scan# 833

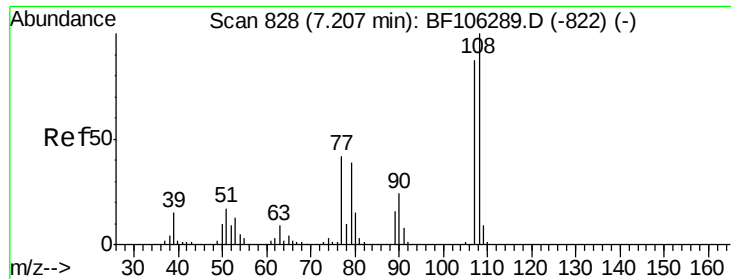
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:	45	Resp:	456209
Ion Ratio	Lower	Upper	
45	100		
77	46.5	0.0	32.9#
79	42.7	0.0	29.6#





#17

2-Methylphenol

Concen: 34.724 ng

RT: 7.23 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

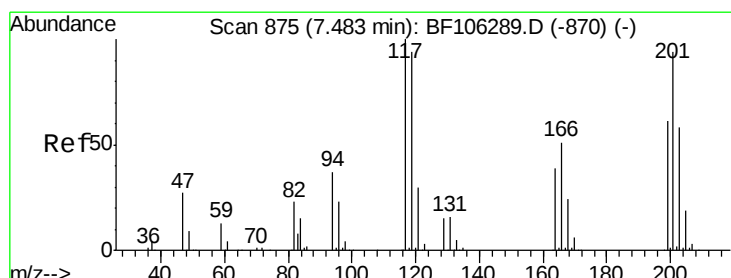
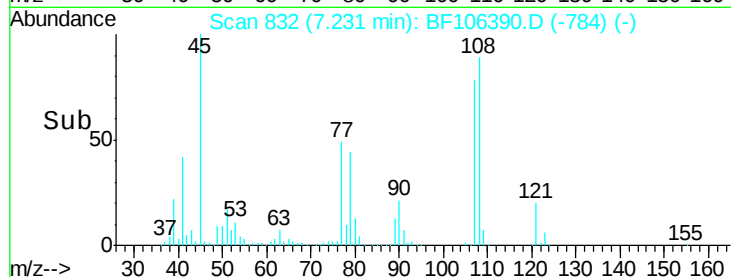
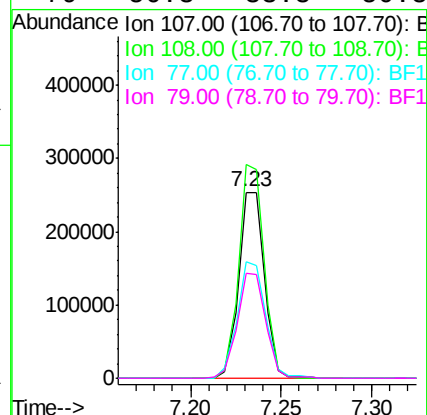
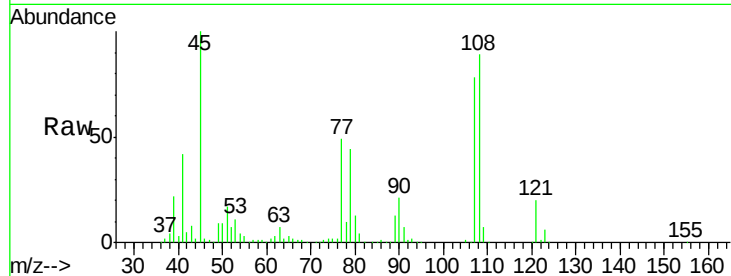
ClientSampled :

PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	91.7	137.5	
77	62.5	33.8	50.8#	
79	56.3	33.8	50.8#	

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#18

Hexachloroethane

Concen: 35.441 ng

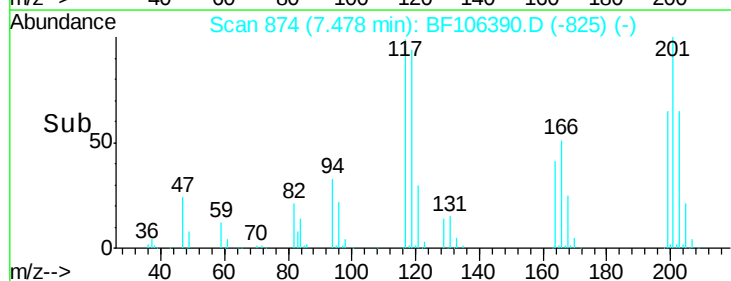
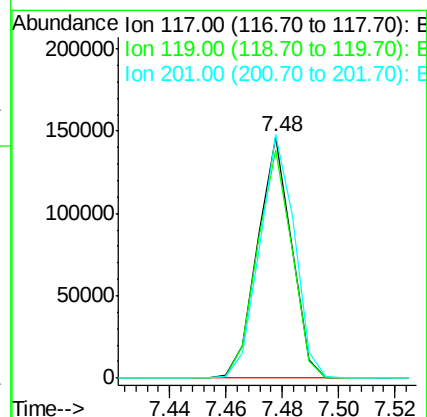
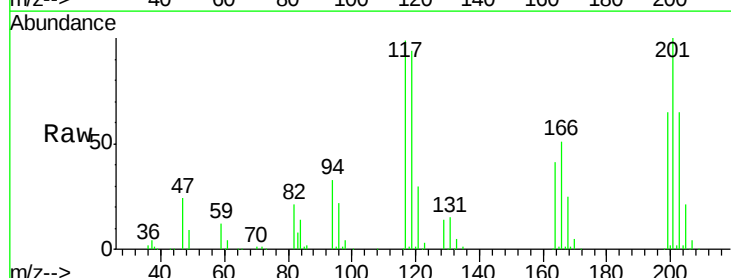
RT: 7.48 min Scan# 874

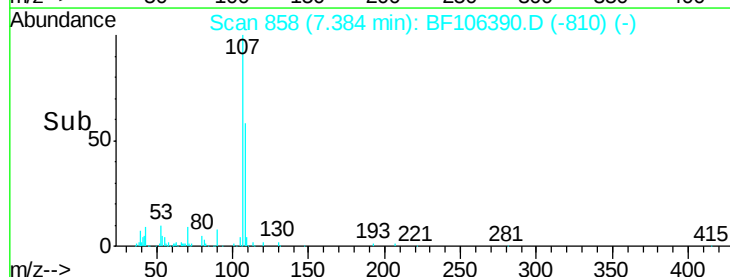
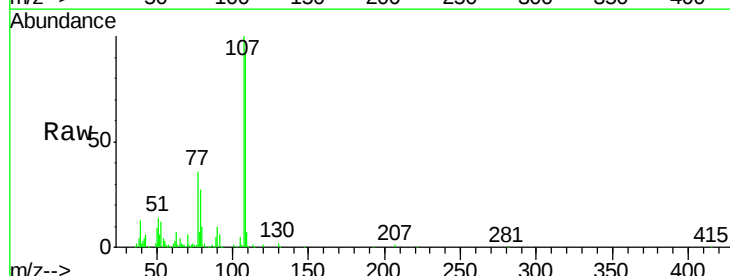
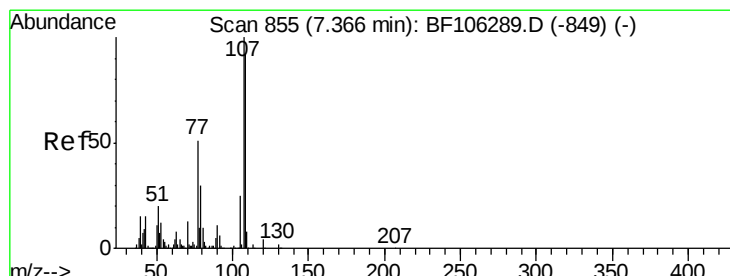
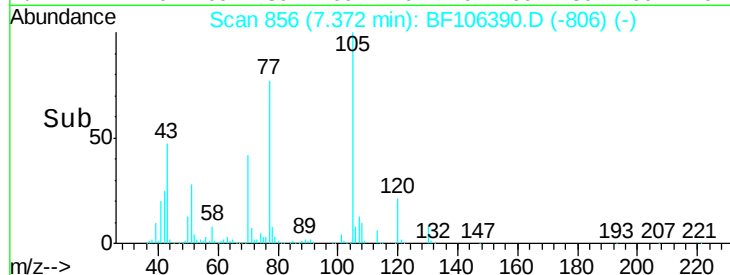
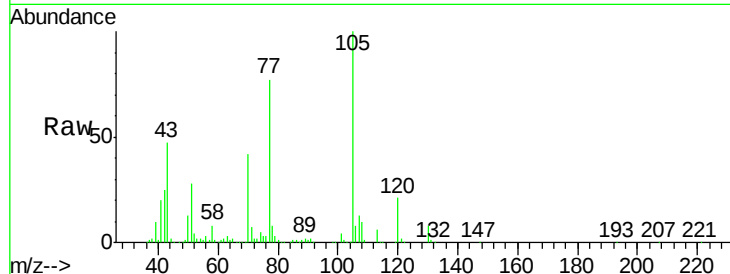
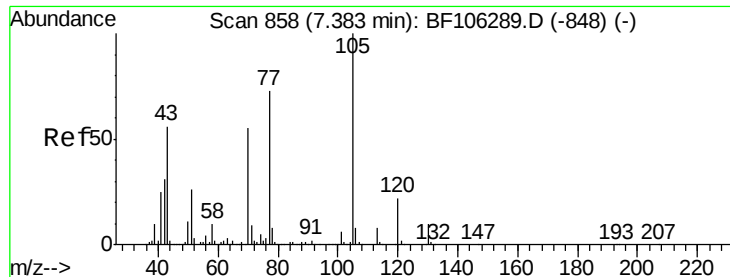
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

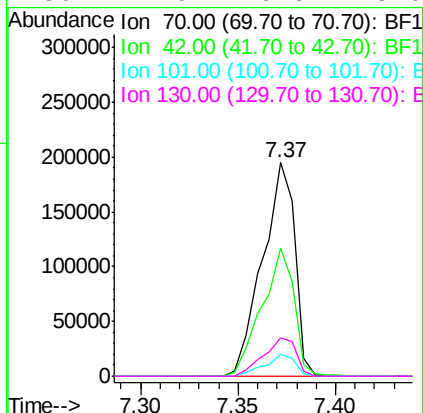
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	75.8	113.8	
201	100.8	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 31.349 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		224043		
42	59.9	47.5	71.3		
101	10.4	7.4	11.2		
130	17.9	16.6	25.0		



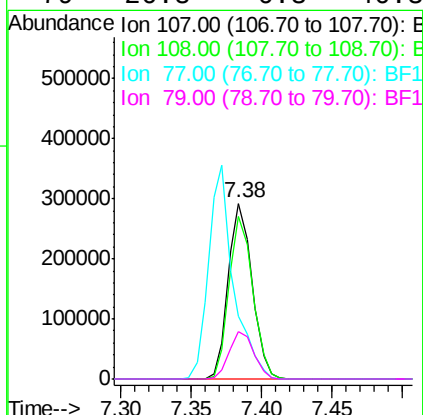
Instrument :
BNA_F
ClientSampleId :
PB110210BS

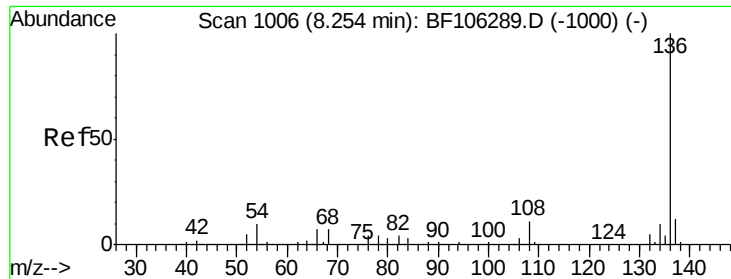
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#20
3+4-Methylphenols
Concen: 37.168 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		343855		
108	92.3	68.2	108.2		
77	35.7	26.7	66.7		
79	26.8	6.3	46.3		





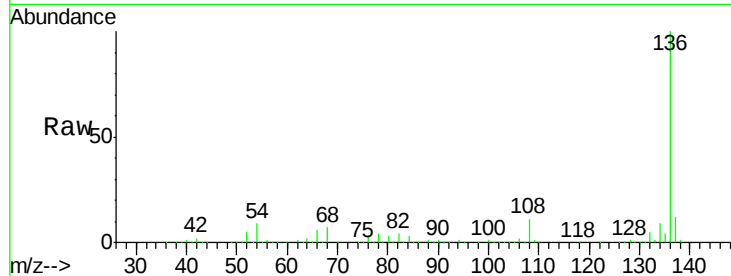
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	494536		
137	11.6	8.9	13.3	
54	8.9	6.6	9.8	
68	6.9	5.0	7.4	

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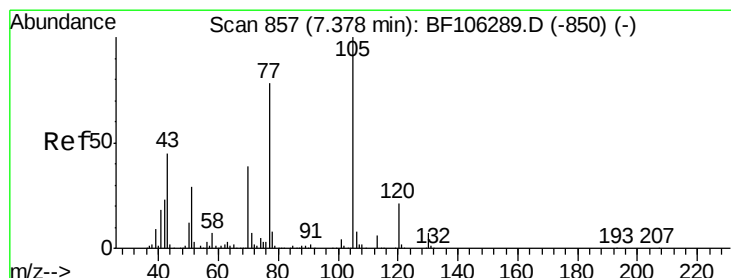
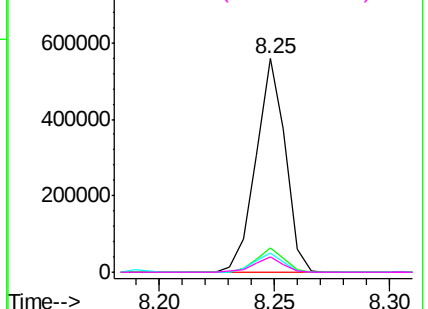
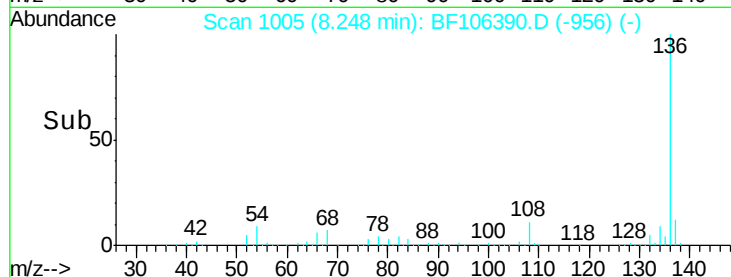
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

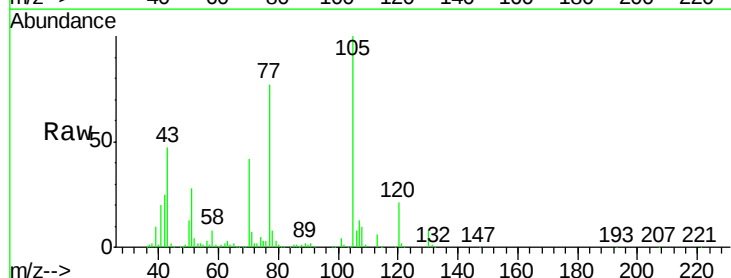
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 34.518 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	430188		
71	7.1	4.4	6.6#	
51	27.9	22.3	33.5	
120	20.9	16.9	25.3	



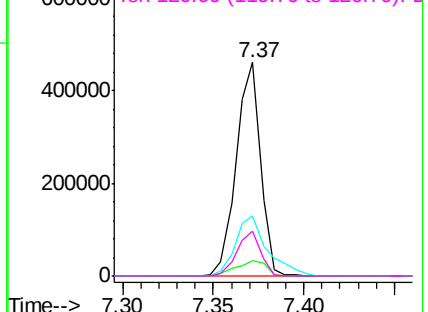
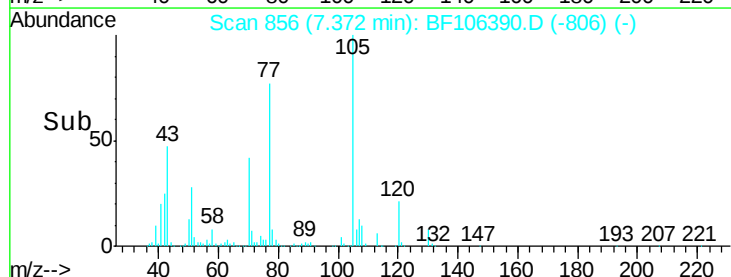
Abundance

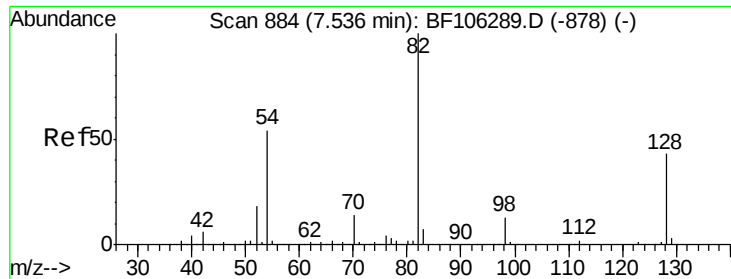
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





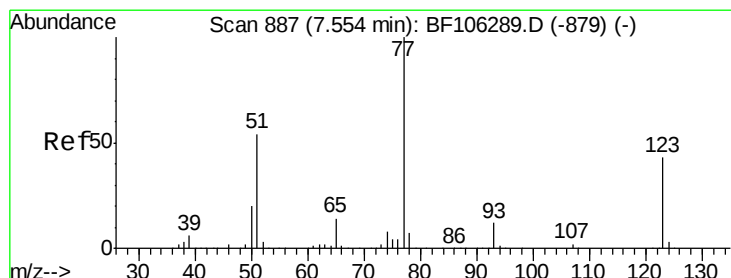
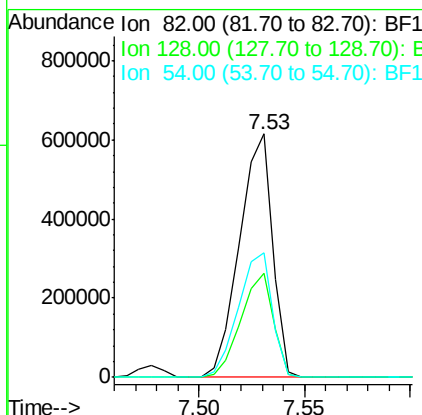
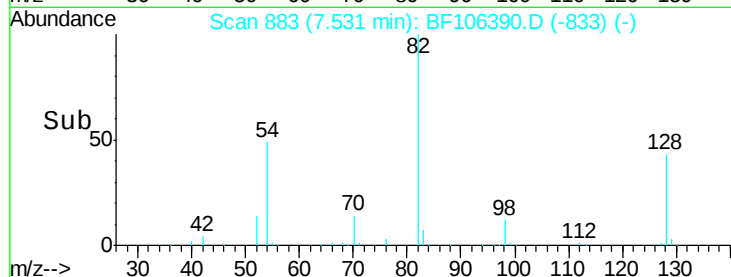
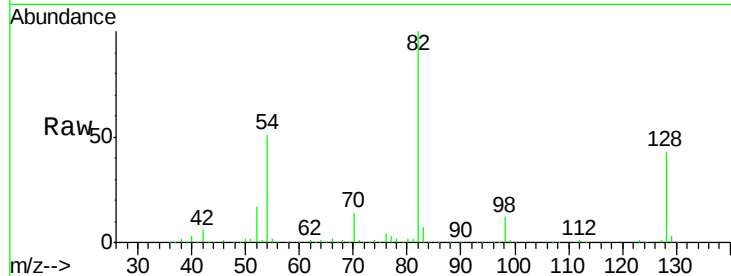
#23
Nitrobenzene-d5
Concen: 79.428 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	51.2	41.4	62.2

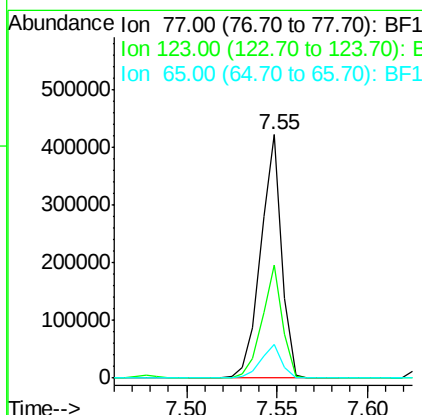
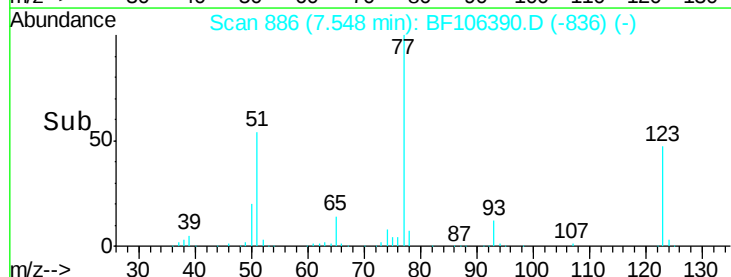
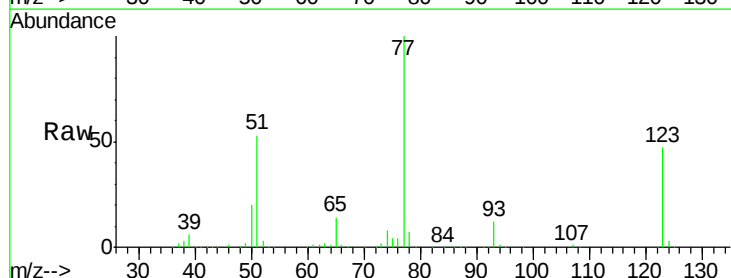
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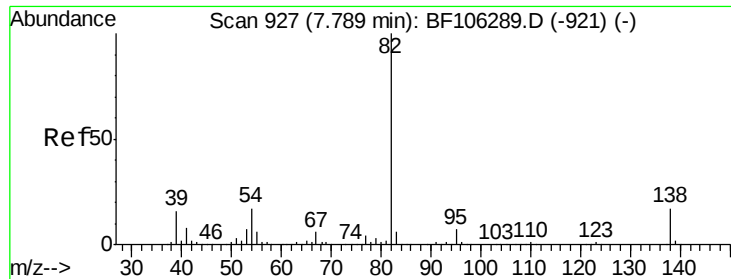
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#24
Nitrobenzene
Concen: 36.994 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.9	56.9
65	14.0	11.0	16.4





#25

Isophorone

Concen: 37.105 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

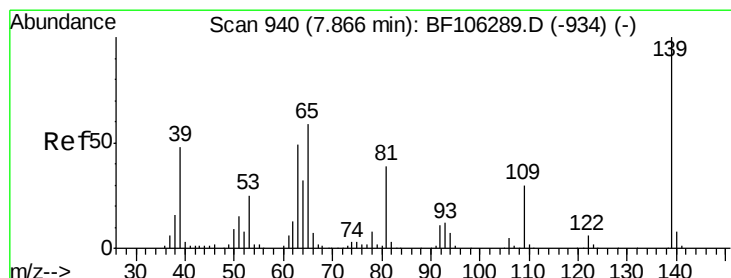
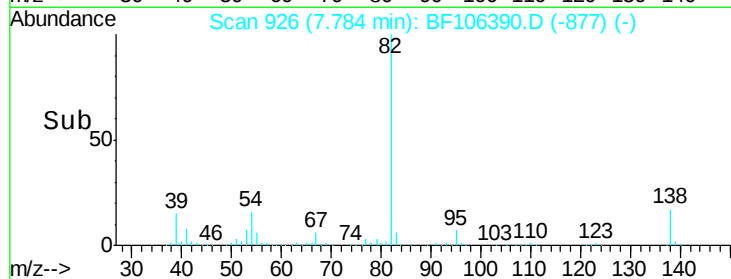
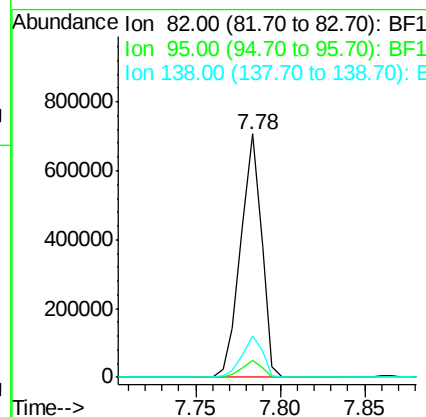
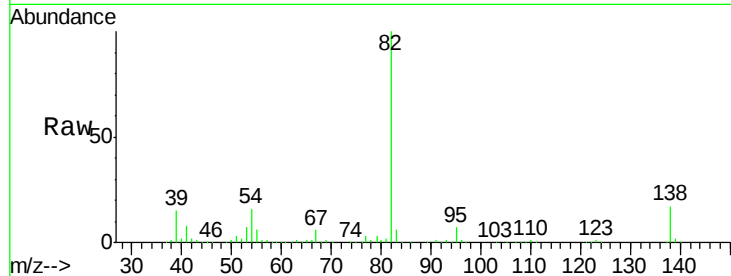
ClientSampleId :

PB110210BS

Tot Ion:	82	Resp:	609256
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	17.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.369 ng

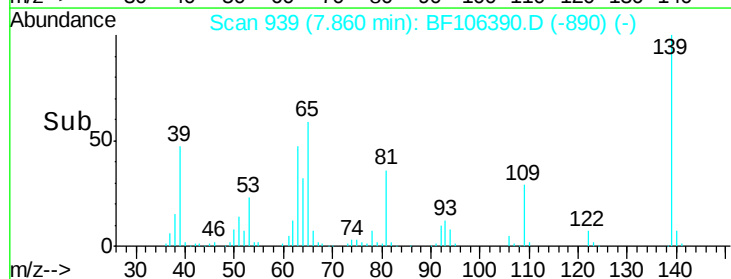
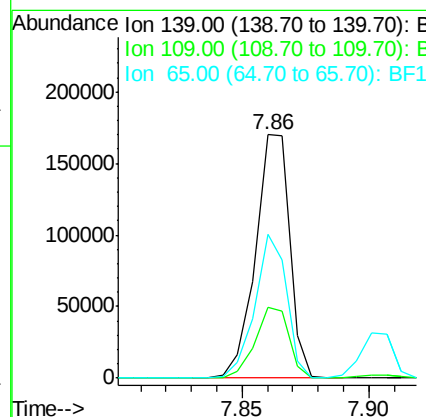
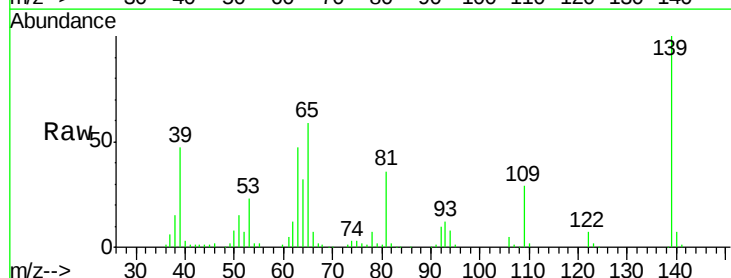
RT: 7.86 min Scan# 939

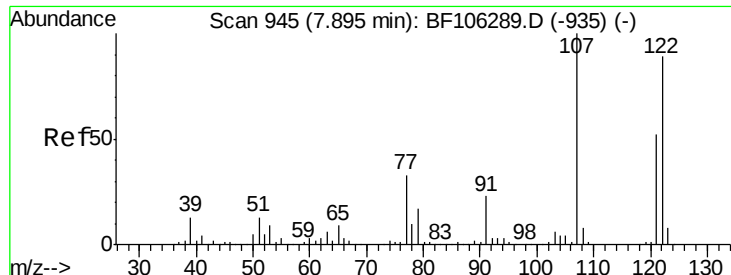
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:	139	Resp:	160899
Ion Ratio		Lower	Upper
139	100		
109	29.2	22.7	34.1
65	58.8	40.5	60.7





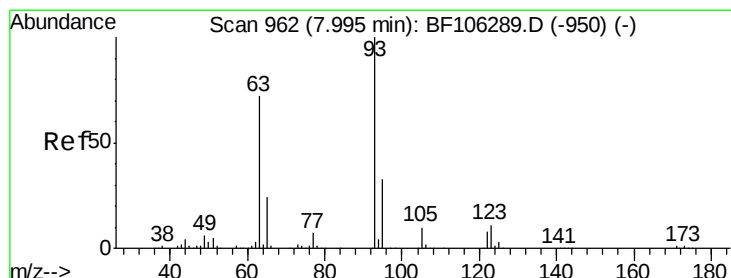
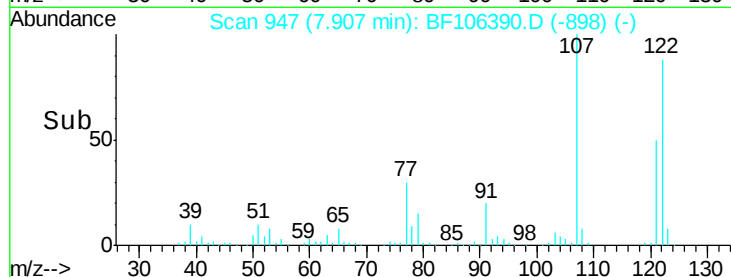
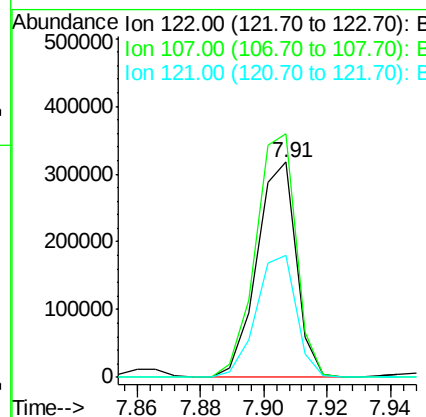
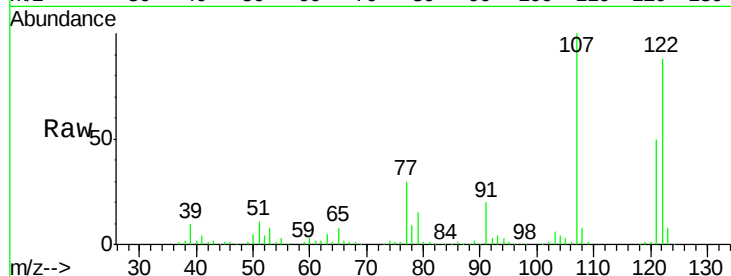
#27
 2,4-Dimethylphenol
 Concen: 39.634 ng
 RT: 7.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	275504		
107	113.2	91.2	136.8	
121	56.9	47.2	70.8	

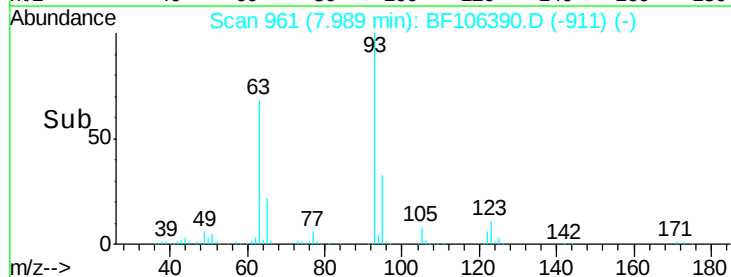
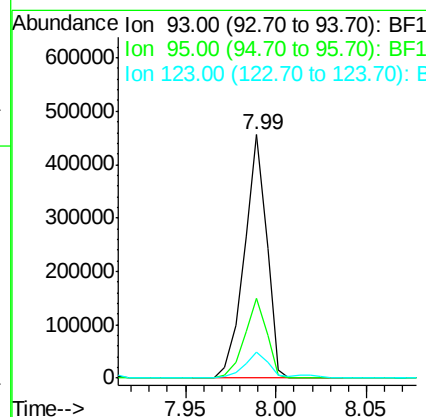
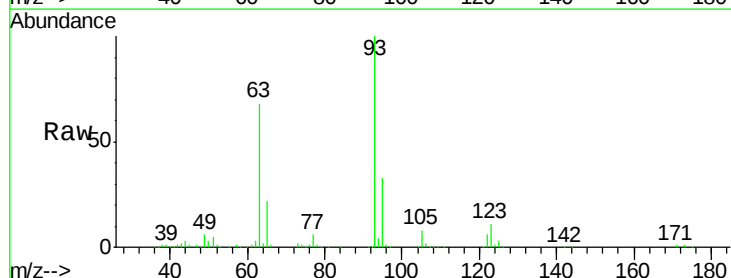
Manual Integrations
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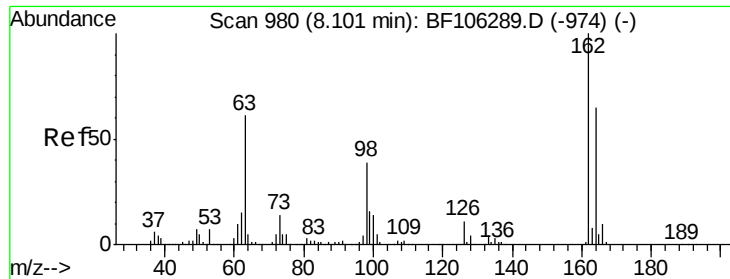
Sohil
 6/14/2018 2:47:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.615 ng
 RT: 7.99 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	389825		
95	32.7	26.3	39.5	
123	10.8	9.8	14.6	





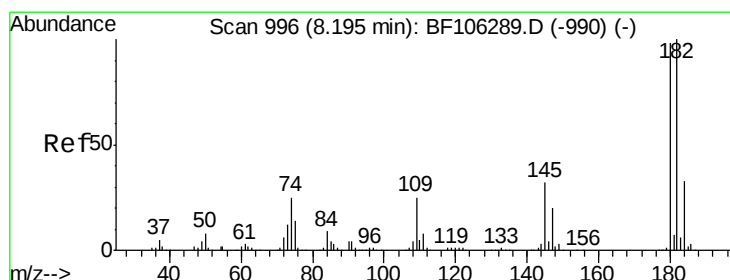
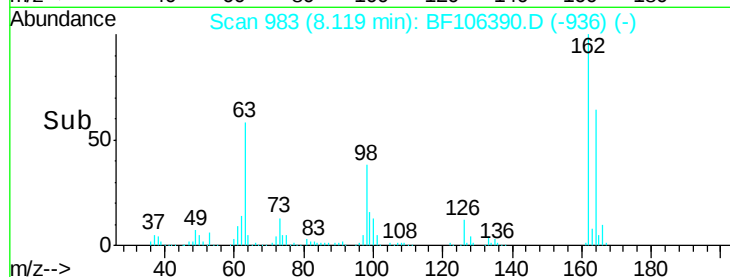
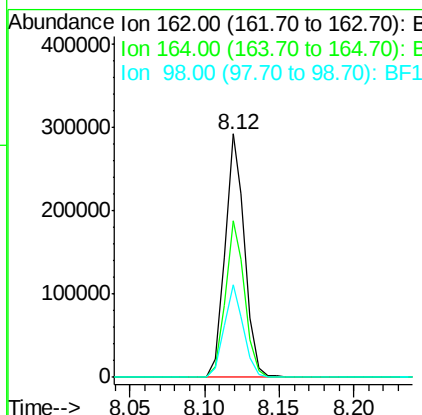
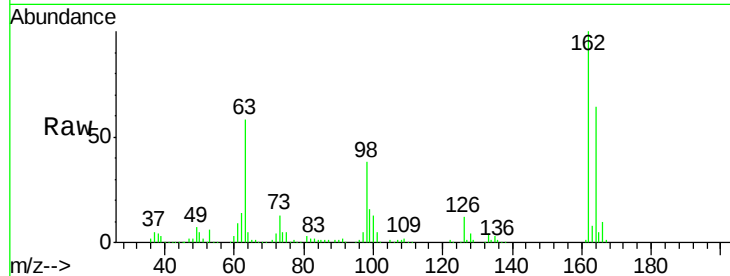
#29
2,4-Dichlorophenol
Concen: 40.568 ng
RT: 8.12 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	272053		
164	64.1	42.7	82.7	
98	37.8	18.1	58.1	

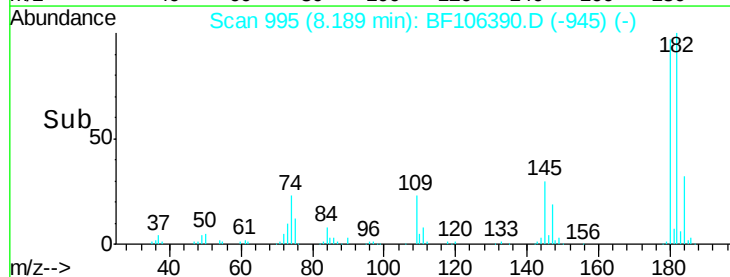
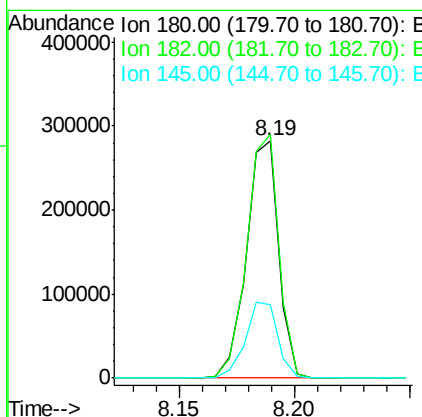
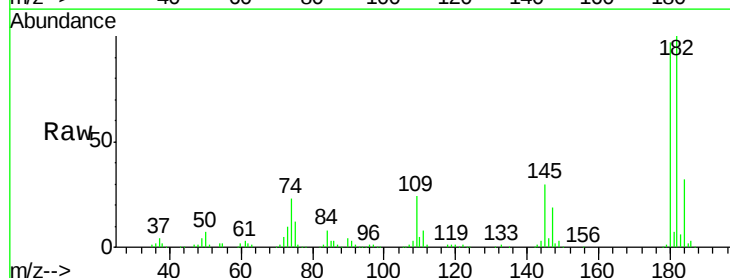
Manual Integrations
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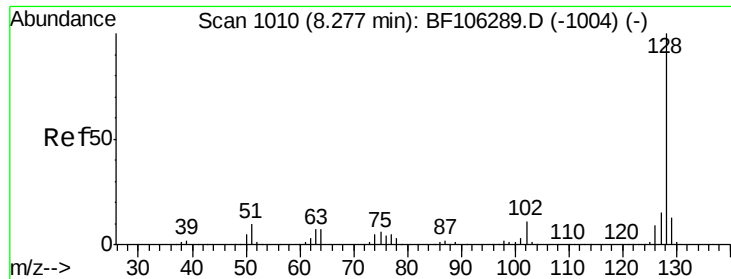
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 36.544 ng
RT: 8.19 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	274782		
182	102.7	76.8	115.2	
145	30.7	26.5	39.7	





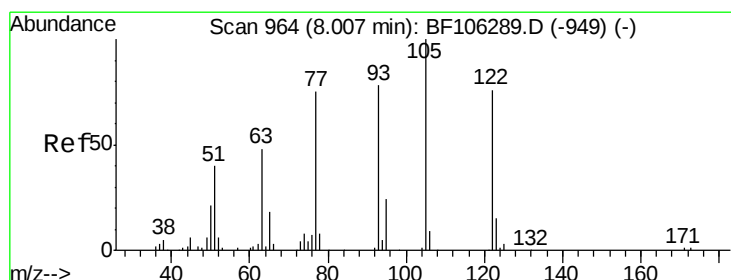
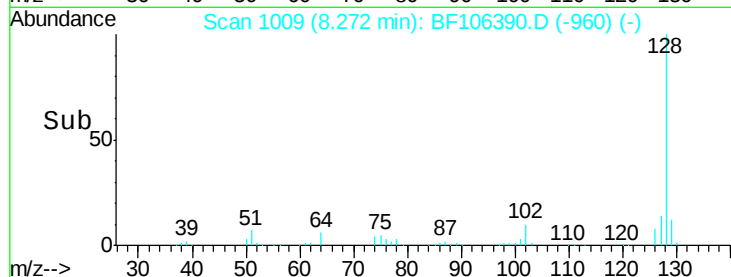
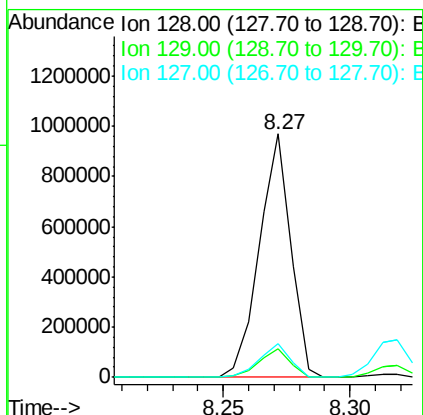
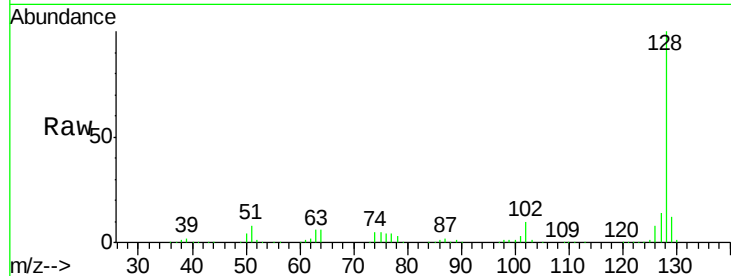
#31
Naphthalene
Concen: 37.354 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.9	10.9	16.3

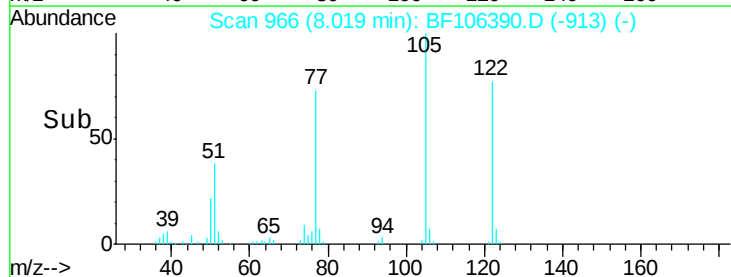
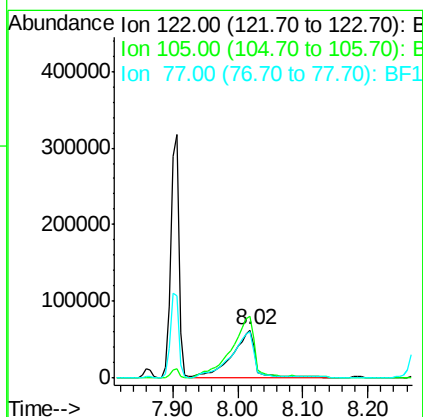
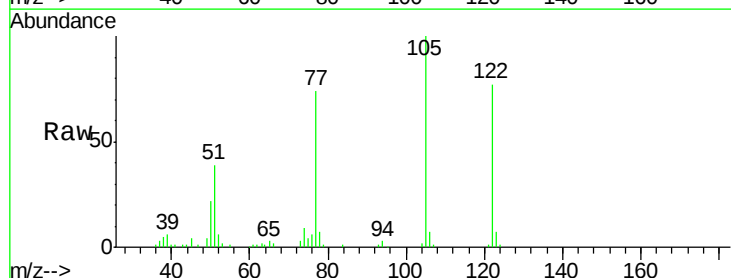
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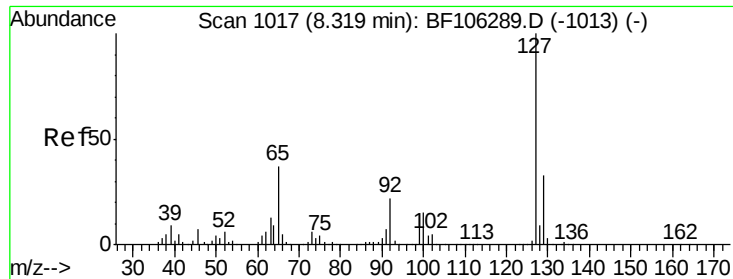
Sohil
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#32
Benzoic acid
Concen: 33.142 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	101.1	141.1
77	96.8	70.7	110.7





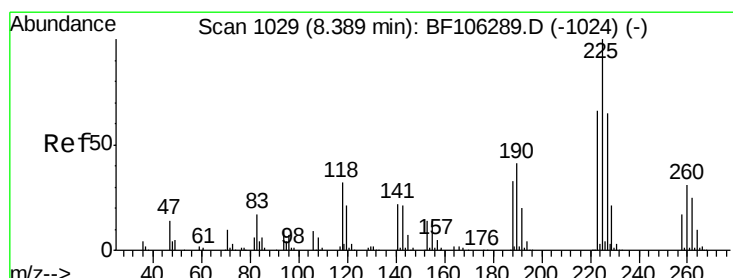
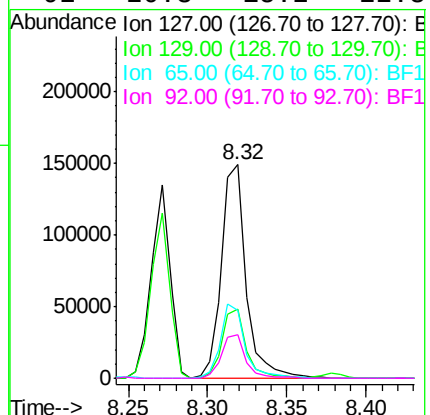
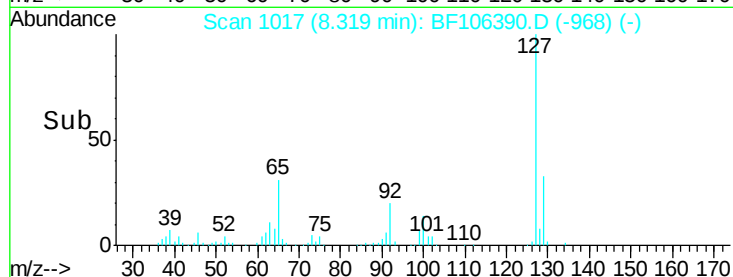
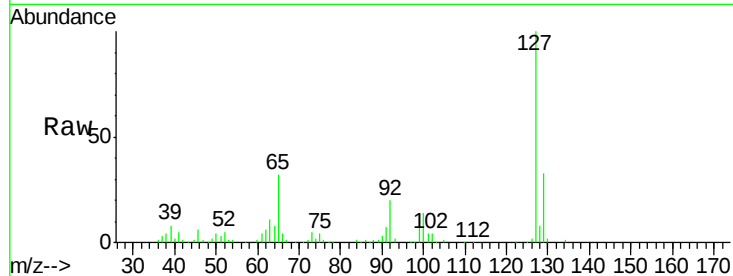
#33
 4-Chloroaniline
 Concen: 16.285 ng
 RT: 8.32 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.9	38.9		
65	31.7	25.0	37.4		
92	20.3	15.2	22.8		

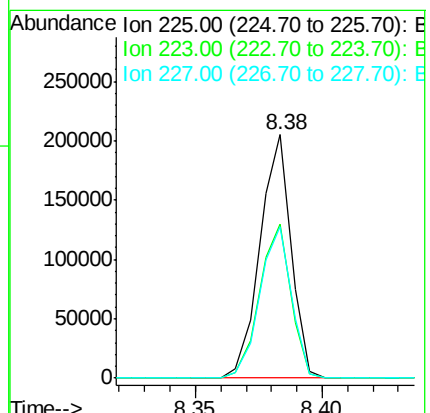
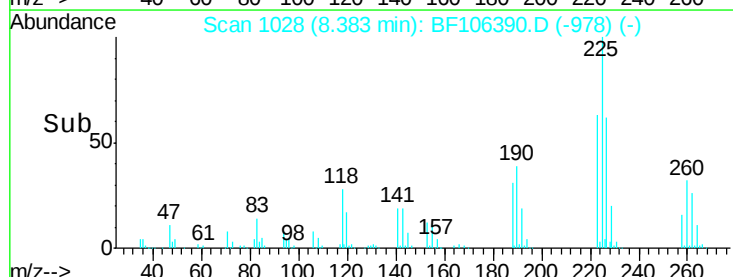
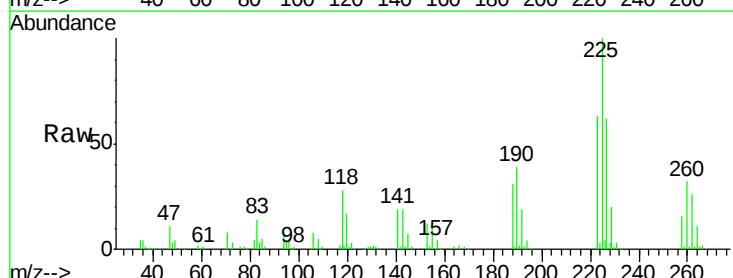
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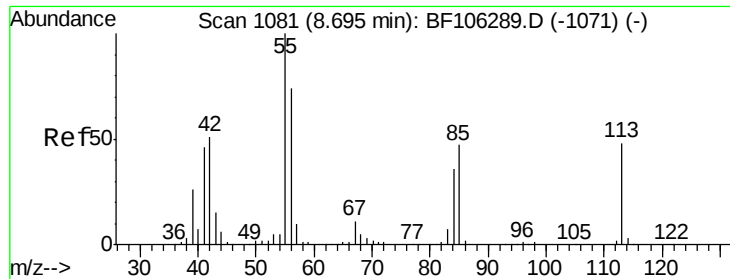
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#34
 Hexachlorobutadiene
 Concen: 36.388 ng
 RT: 8.38 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.6	76.0		
227	62.2	51.9	77.9		





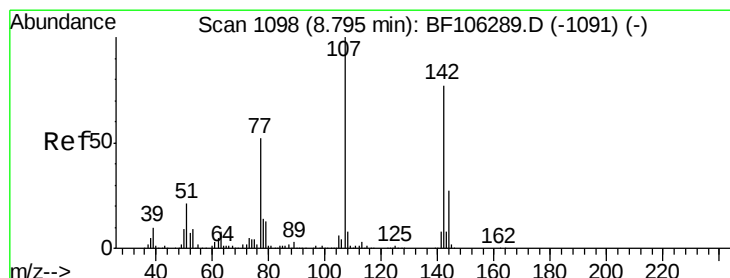
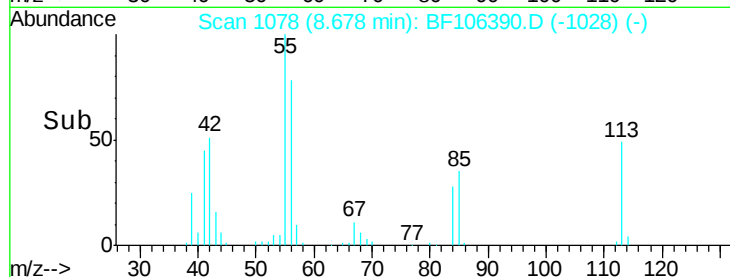
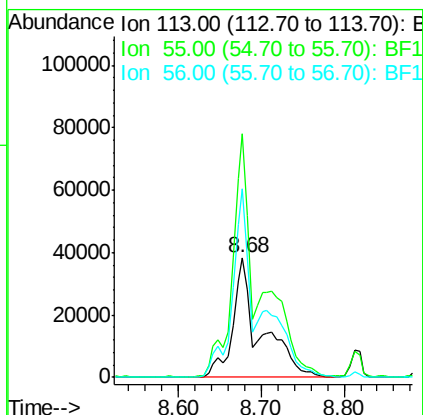
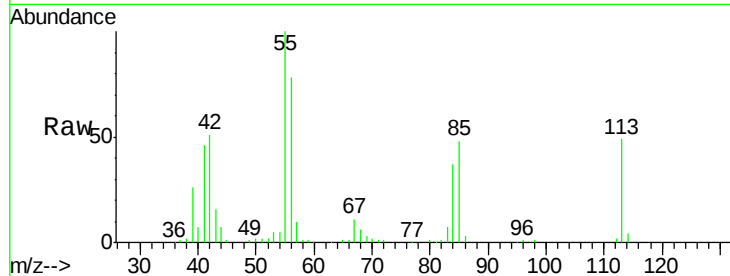
#35
Caprolactam
Concen: 39.030 ng/ml
RT: 8.68 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleID :
PB110210BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	202.8	163.3	203.3	
56	157.2	115.7	155.7	

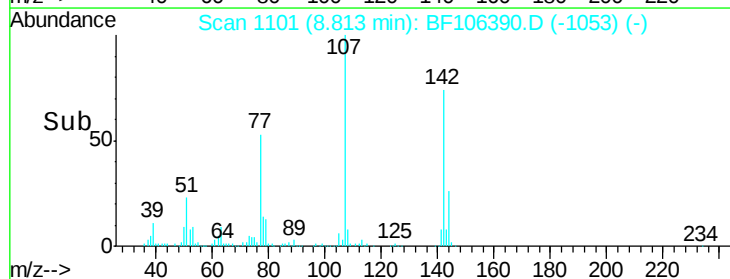
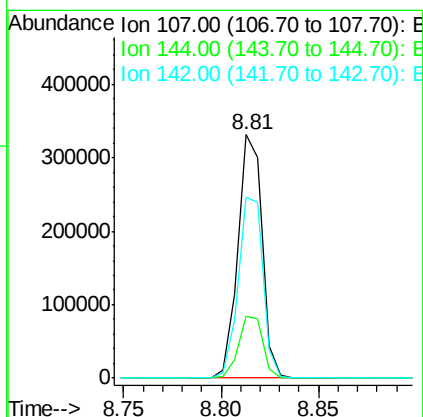
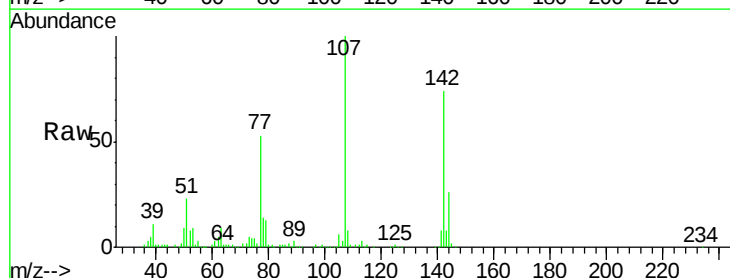
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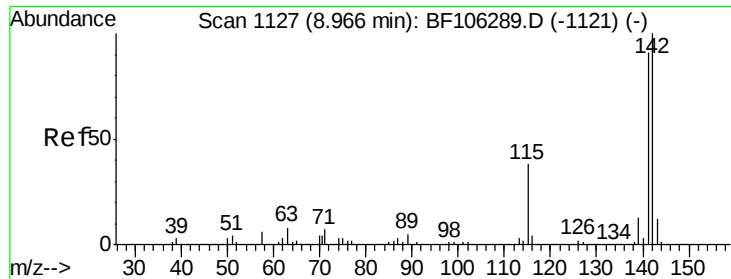
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#36
4-Chloro-3-methylphenol
Concen: 38.387 ng/ml
RT: 8.81 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.6	20.5	30.7	
142	74.4	62.0	93.0	





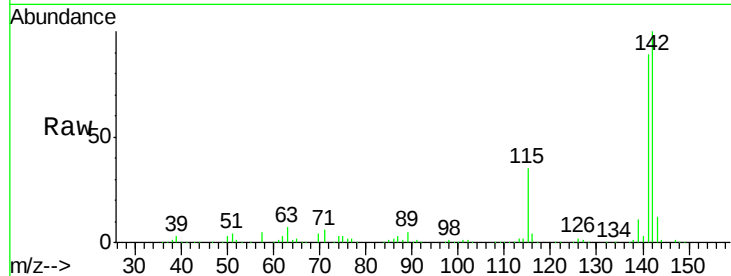
#37
2-Methylnaphthalene
Concen: 39.140 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.4	26.1	39.1

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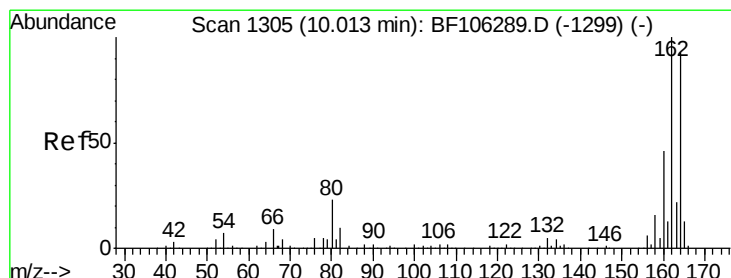
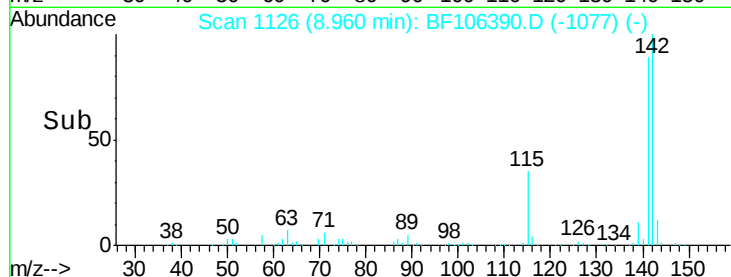
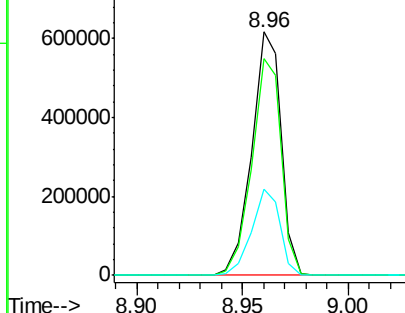


Abundance

Ion 142.00 (141.70 to 142.70): E

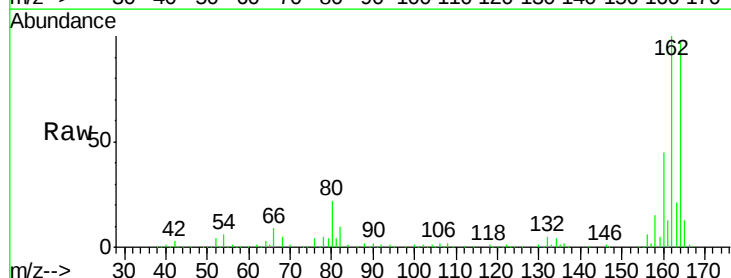
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	46.8	38.3	57.5

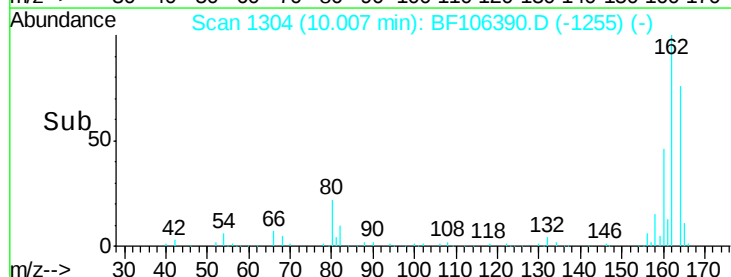
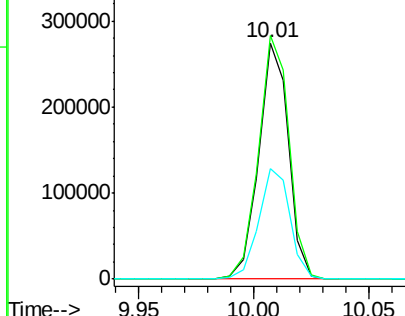


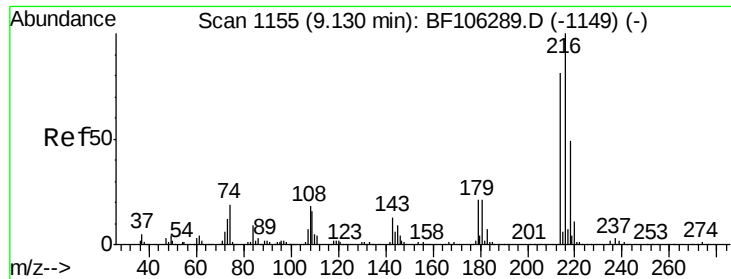
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





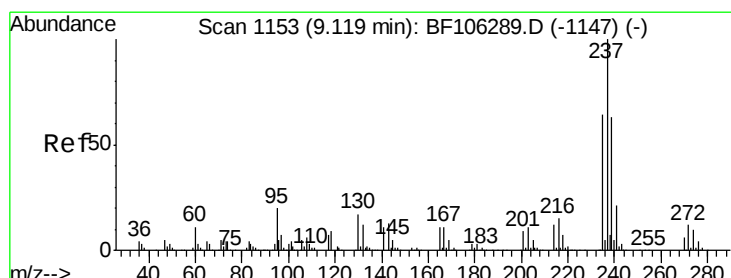
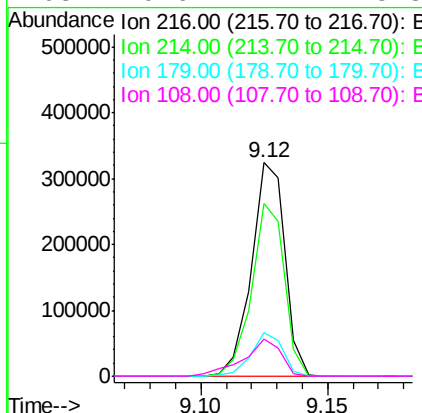
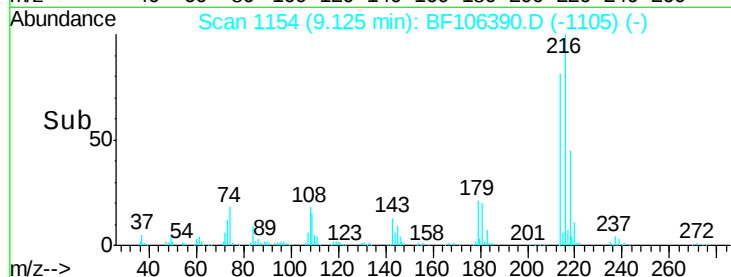
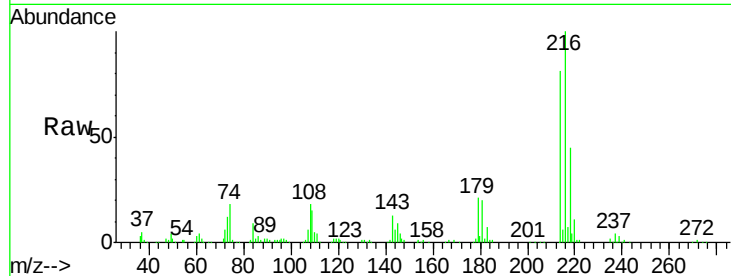
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.208 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		297544		
214	78.8		63.0	94.4	
179	19.6		18.1	27.1	
108	19.6		17.2	25.8	

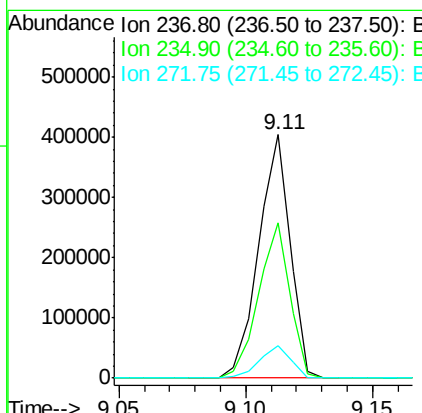
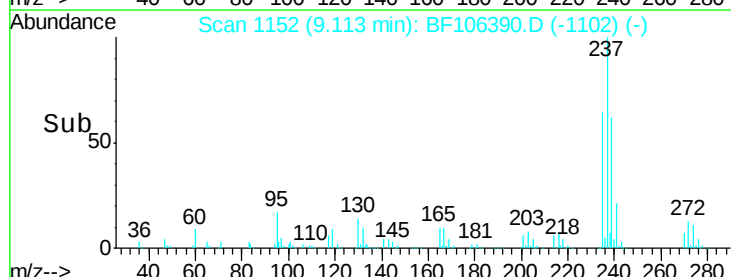
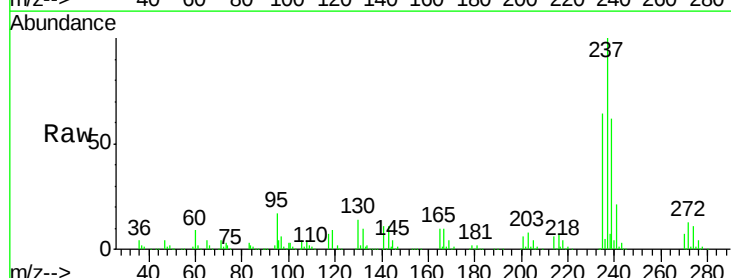
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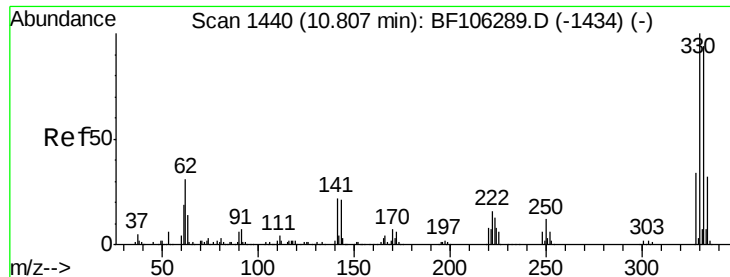
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#40
 Hexachlorocyclopentadiene
 Concen: 79.677 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		351540		
235	63.8		44.8	84.8	
272	13.4		0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 138.171 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

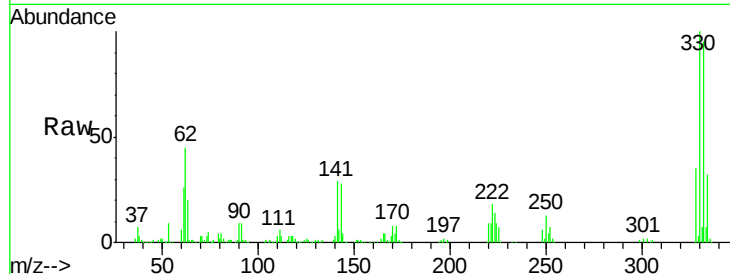
ClientSampleId :

PB110210BS

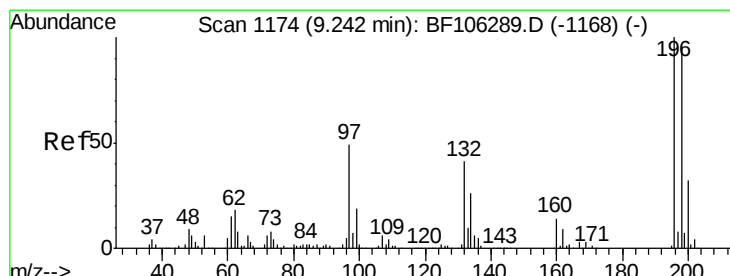
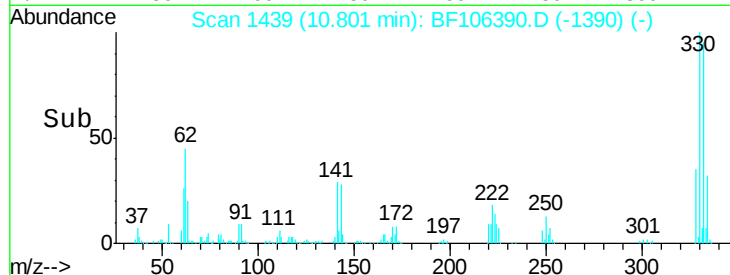
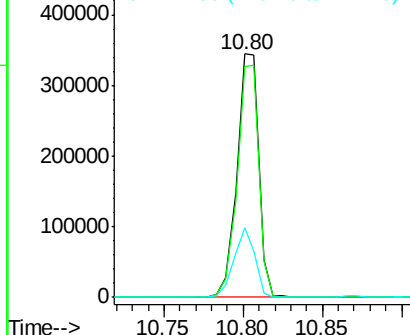
Tot Ion:	330	Resp:	327488
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	27.5	29.9	44.9#

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.655 ng

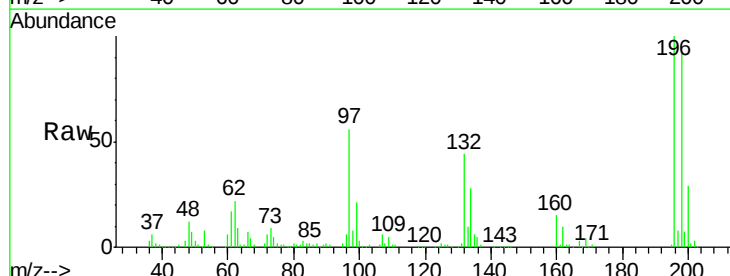
RT: 9.24 min Scan# 1174

Delta R.T. -0.01 min

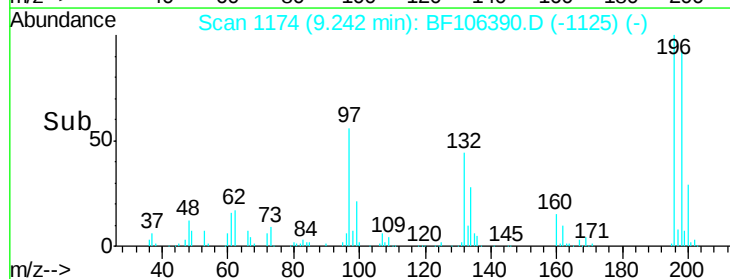
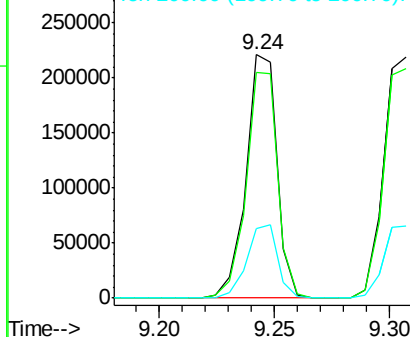
Lab File: BF106390.D

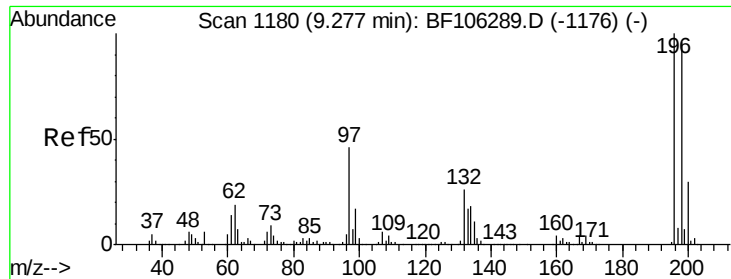
Acq: 13 Jun 2018 14:50

Tgt Ion:	196	Resp:	207183
Ion Ratio	Lower	Upper	
196	100		
198	92.9	75.7	113.5
200	28.7	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





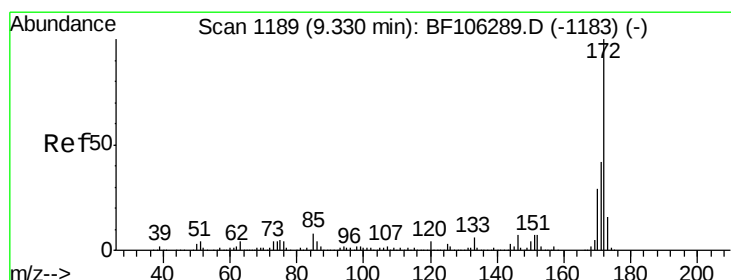
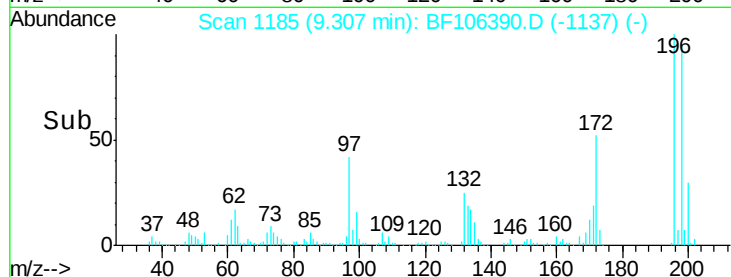
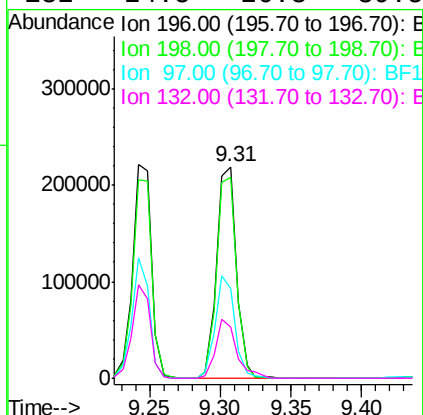
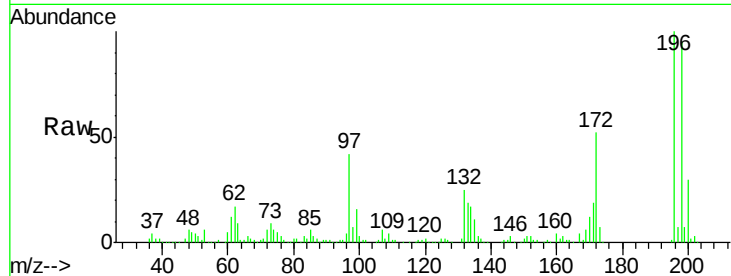
#43
 2,4,5-Trichlorophenol
 Concen: 39.008 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	214303		
198	95.3	74.6	112.0	
97	42.4	42.9	64.3	#
132	24.5	26.3	39.5	#

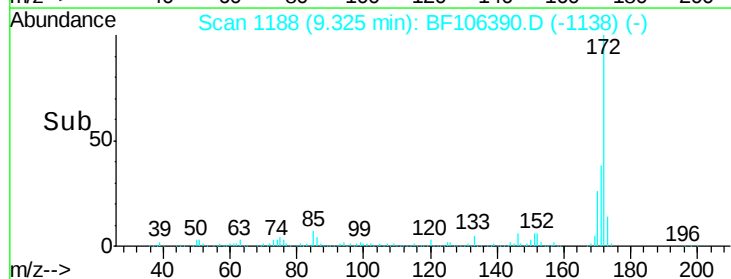
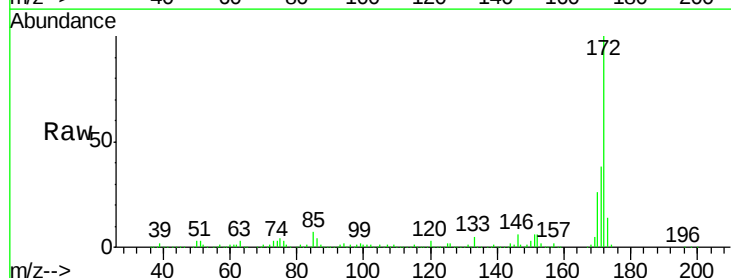
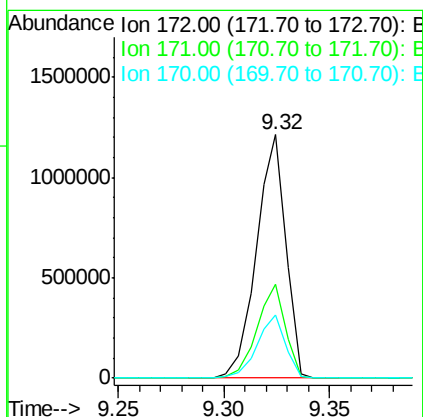
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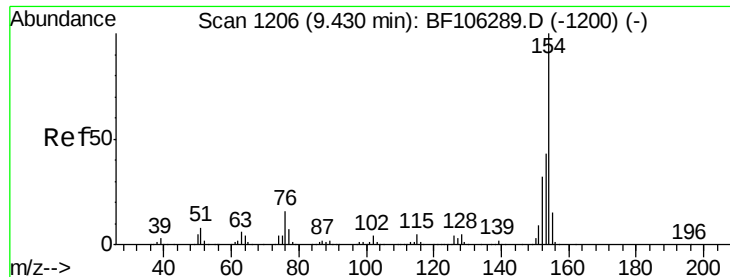
Sohil
 6/14/2018 2:47:35 PM



#44
 2-Fluorobiphenyl
 Concen: 83.830 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1167897		
171	38.5	29.7	44.5	
170	26.0	19.6	29.4	





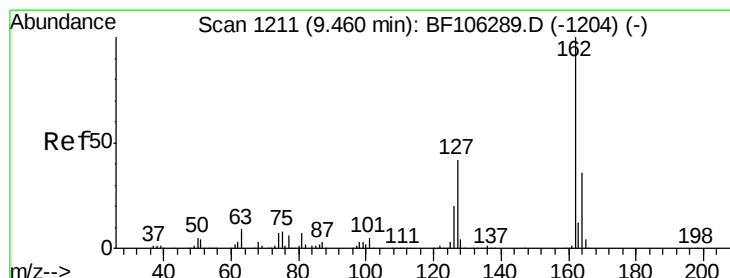
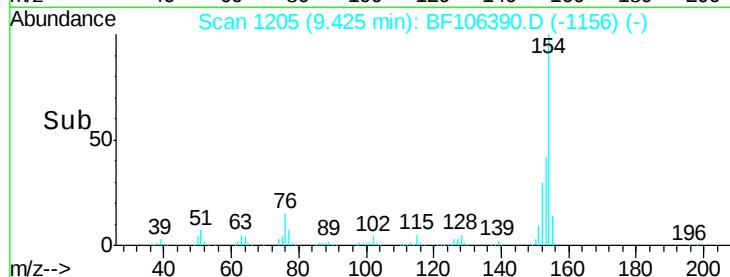
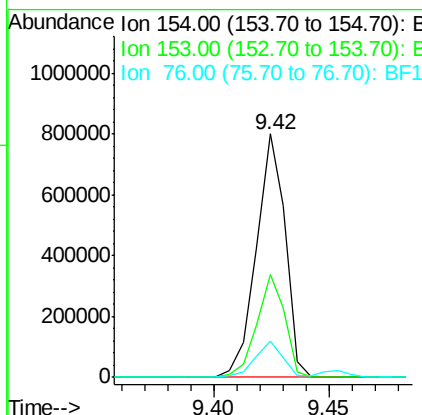
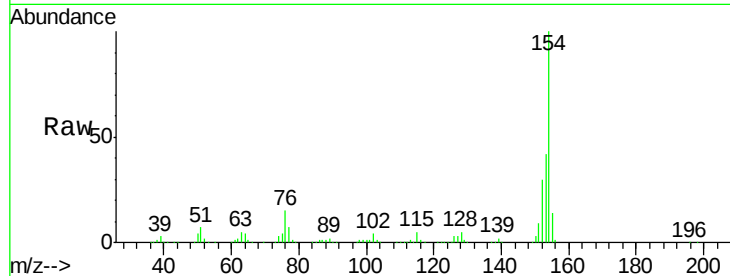
#45
 1,1'-Biphenyl
 Concen: 36.626 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampled :
 PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	698814		
153	42.1	21.3	61.3	
76	14.9	0.0	34.0	

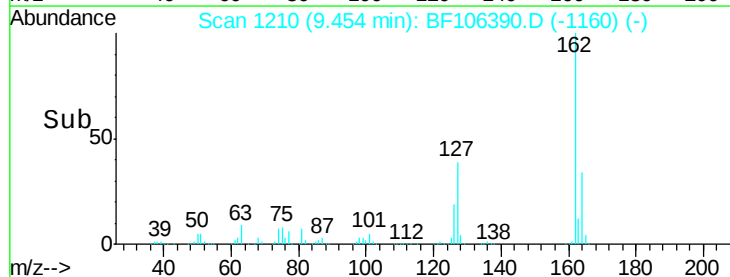
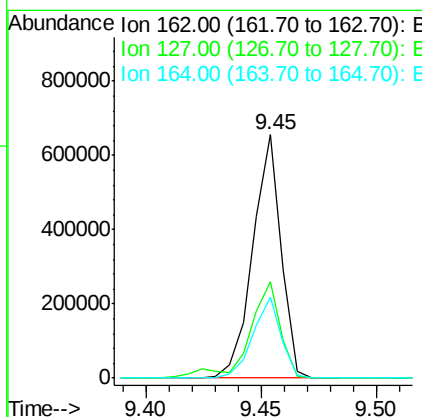
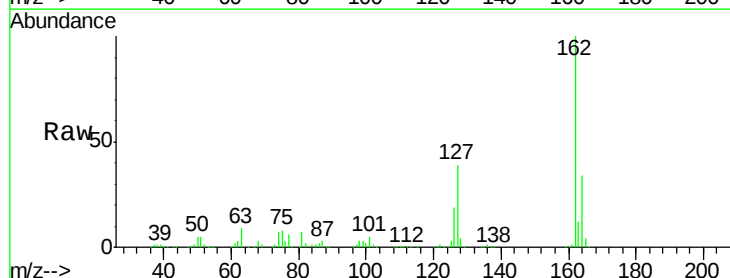
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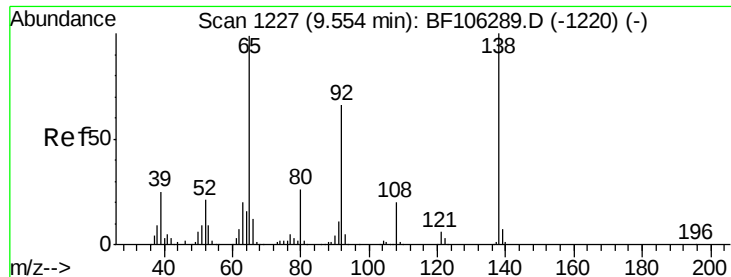
Sohil
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#46
 2-Chloronaphthalene
 Concen: 36.873 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	563005		
127	39.4	33.9	50.9	
164	33.5	26.5	39.7	





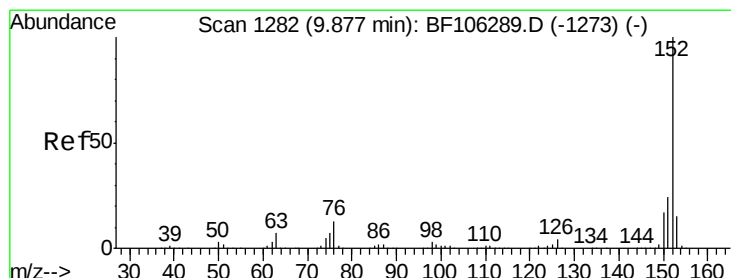
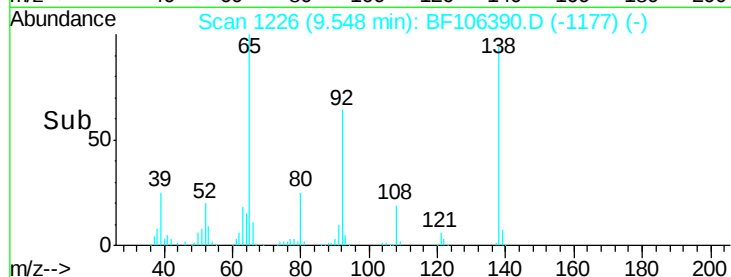
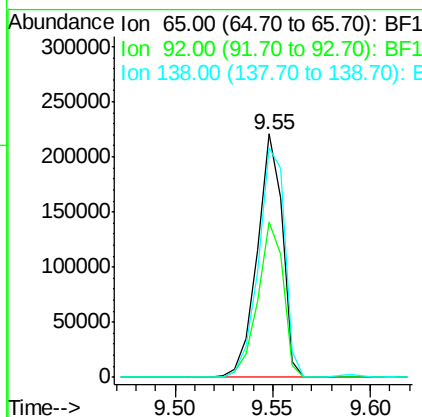
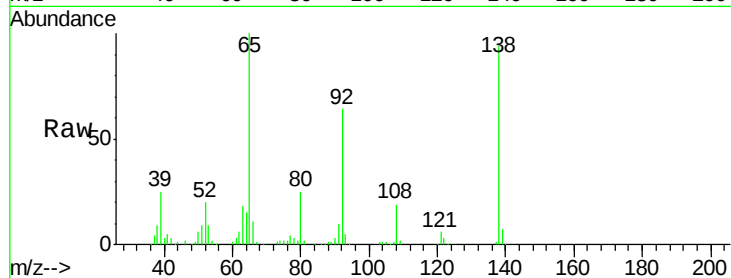
#47
2-Nitroaniline
Concen: 41.083 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	55.8	83.6
138	94.2	91.2	136.8

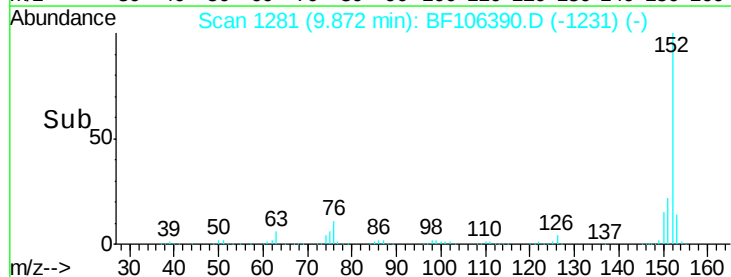
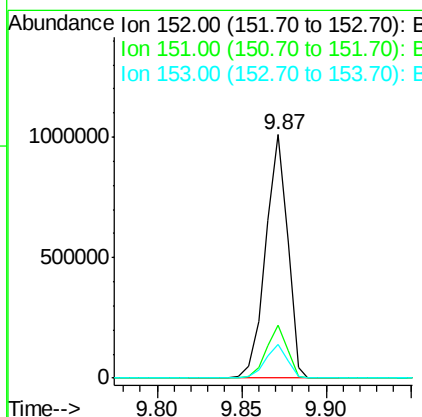
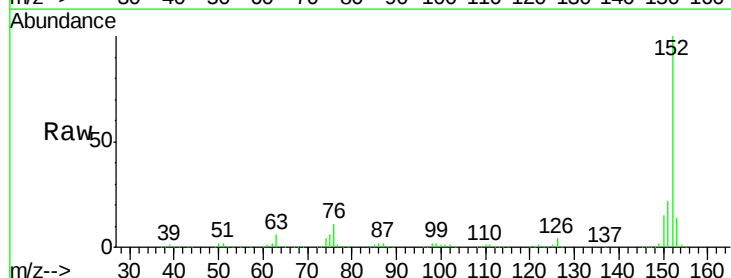
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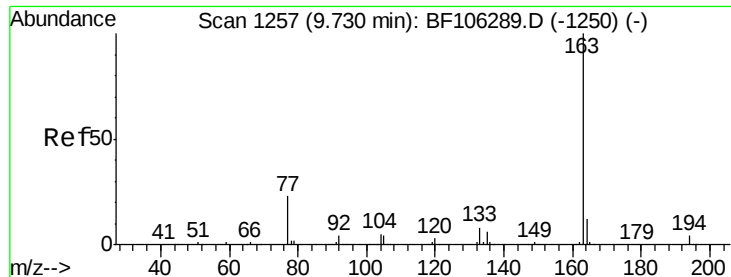
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#48
Acenaphthylene
Concen: 38.848 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	14.0	10.7	16.1





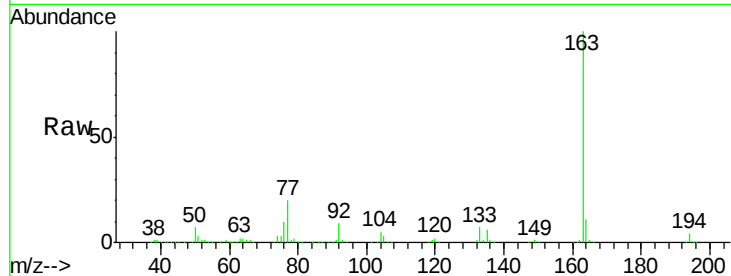
#49
Dimethylphthalate
Concen: 37.875 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

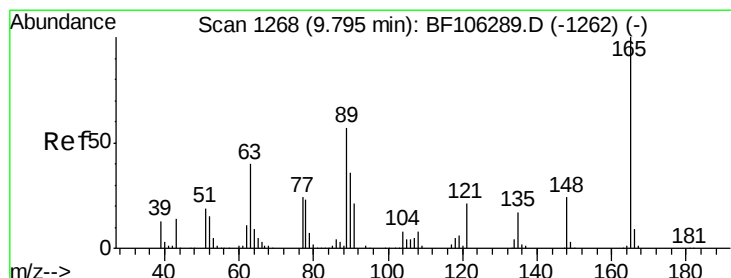
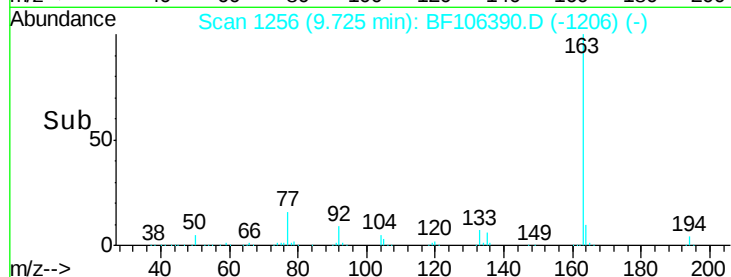
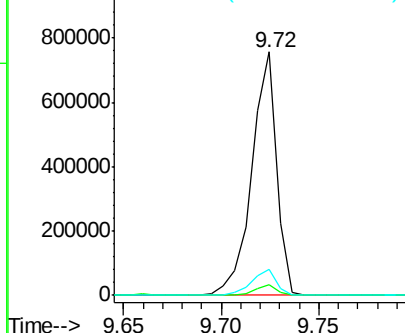
Tot Ion	Ratio	Resp	Lower	Upper
163	100	666566		
194	4.1	2.7	4.1#	
164	10.5	8.2	12.2	

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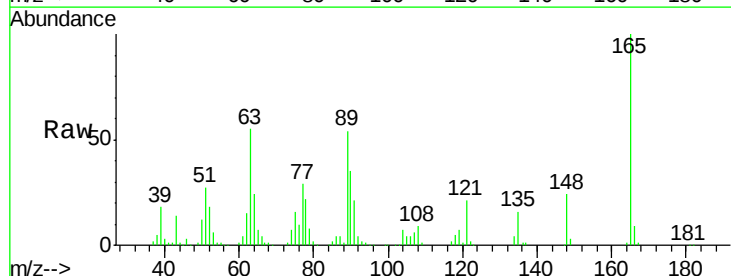


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

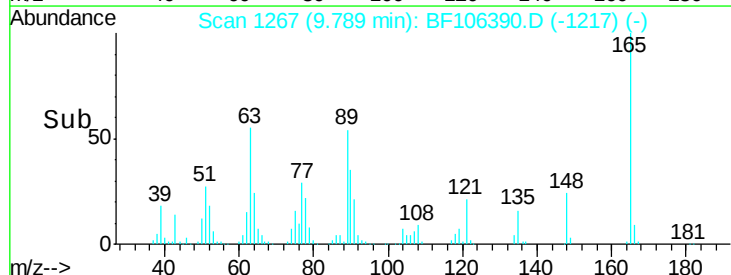
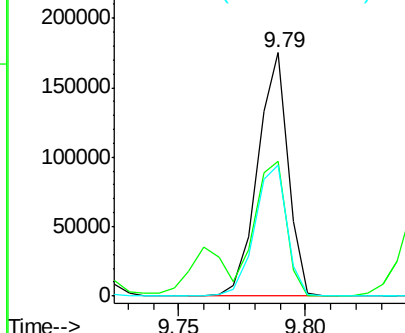


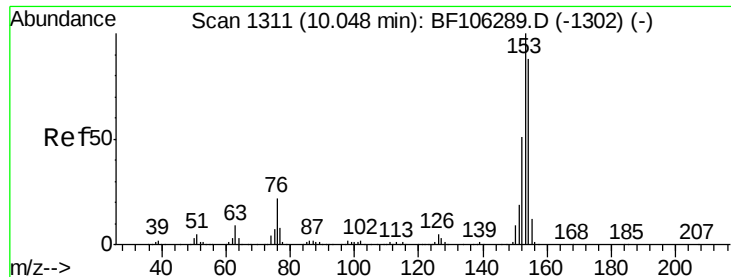
#50
2,6-Dinitrotoluene
Concen: 40.748 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146488		
63	55.4	44.7	67.1	
89	53.6	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





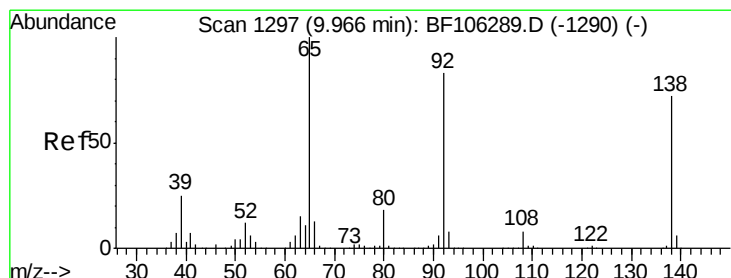
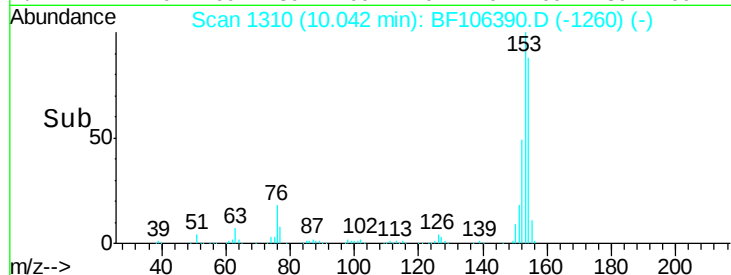
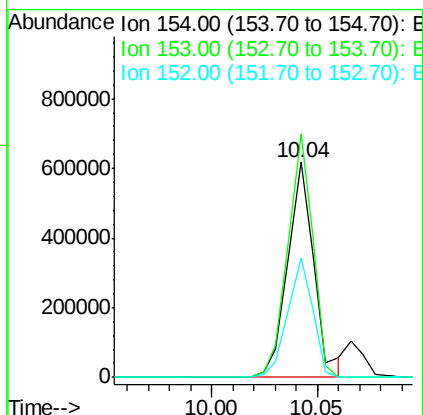
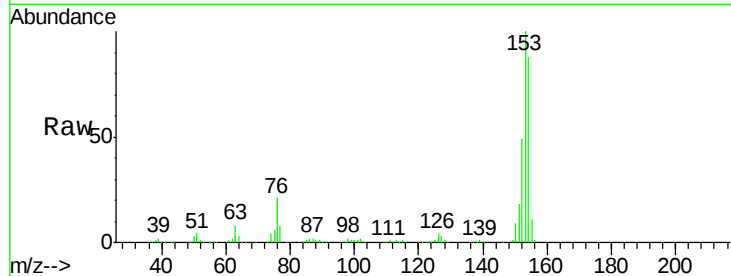
#51
Acenaphthene
Concen: 35.613 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.2	136.8
152	55.3	43.8	65.8

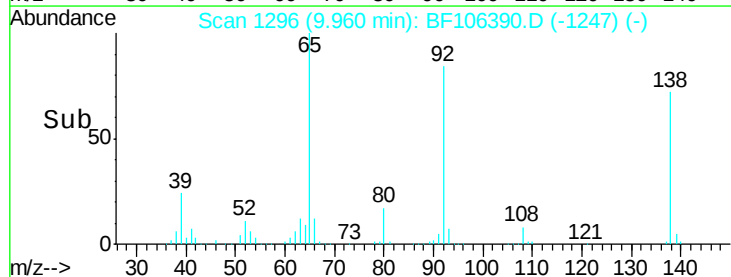
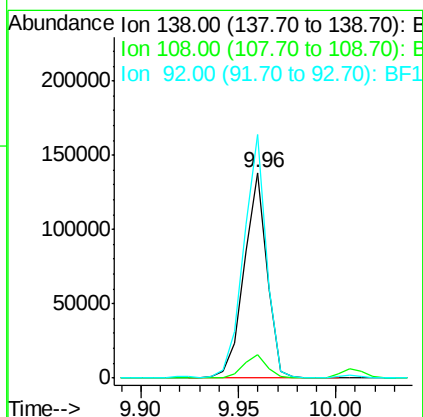
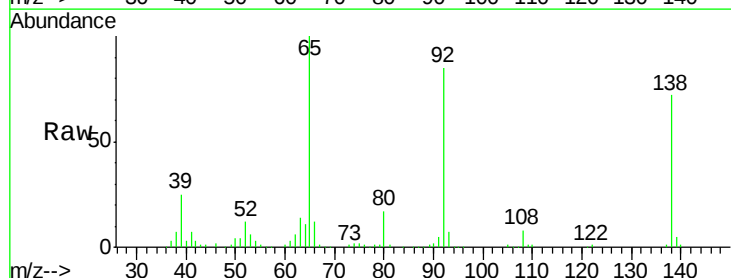
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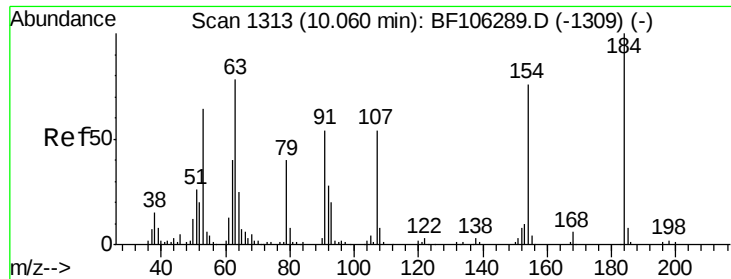
Sohil
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#52
3-Nitroaniline
Concen: 26.325 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.4	14.0
92	118.6	89.4	134.2





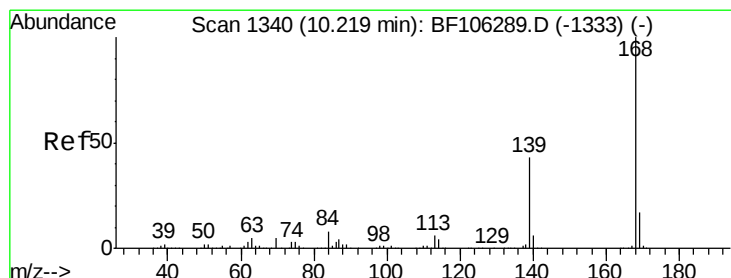
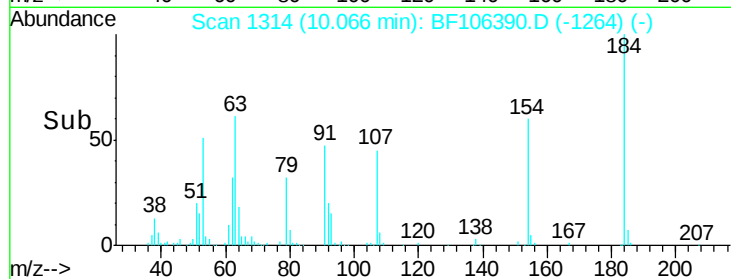
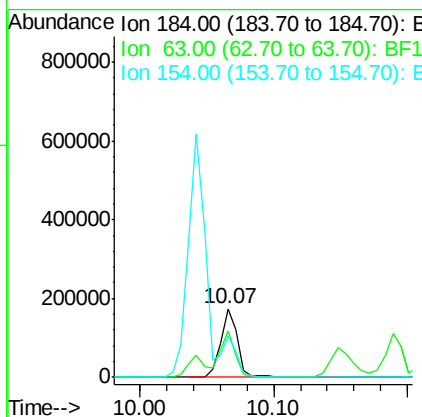
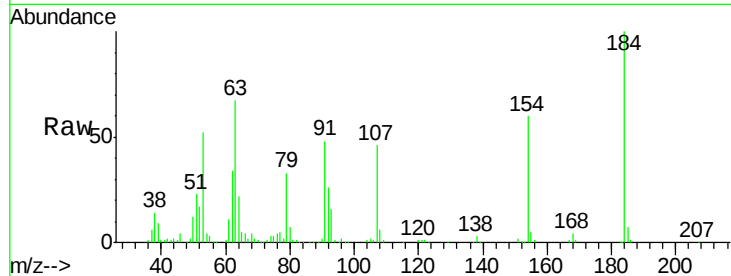
#53
 2,4-Dinitrophenol
 Concen: 94.053 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	158035		
63	67.4	54.2	81.2	
154	60.4	184.0	276.0	

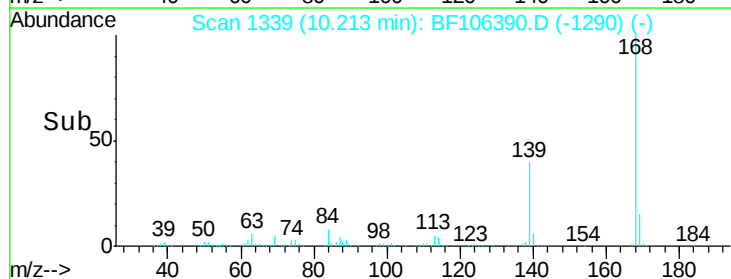
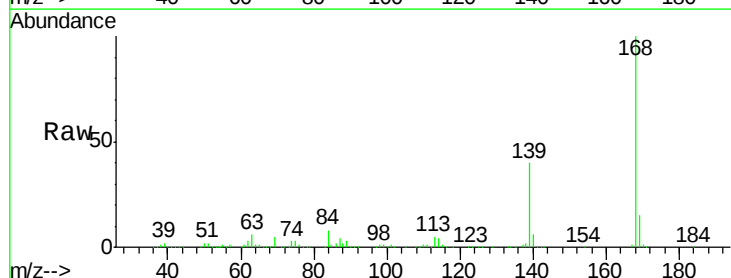
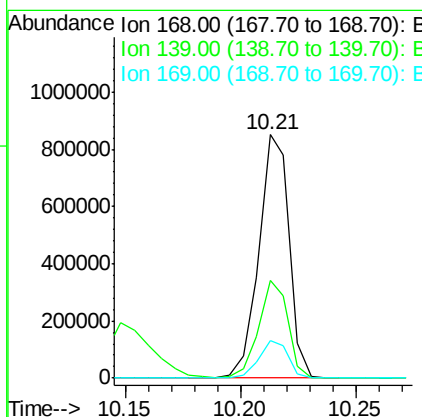
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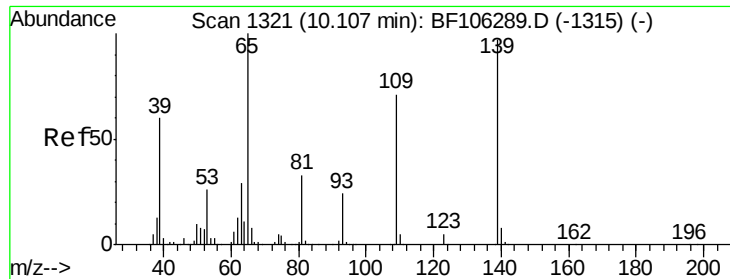
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#54
 Dibenzofuran
 Concen: 38.184 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	776070		
139	40.0	30.1	45.1	
169	15.4	10.9	16.3	





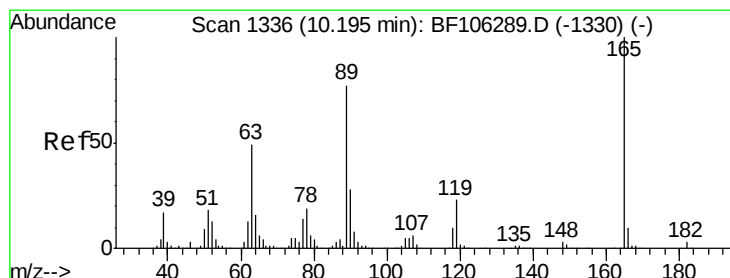
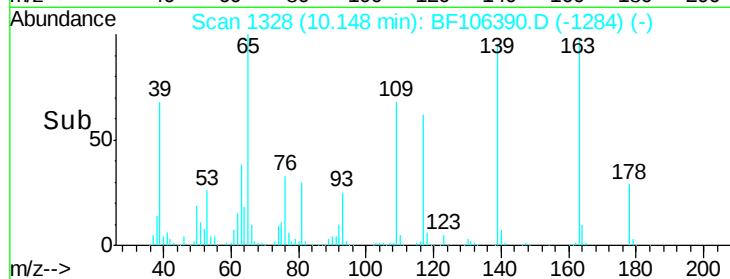
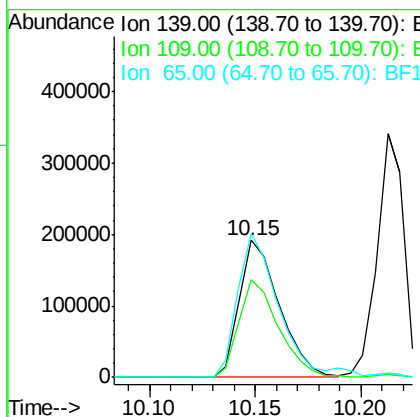
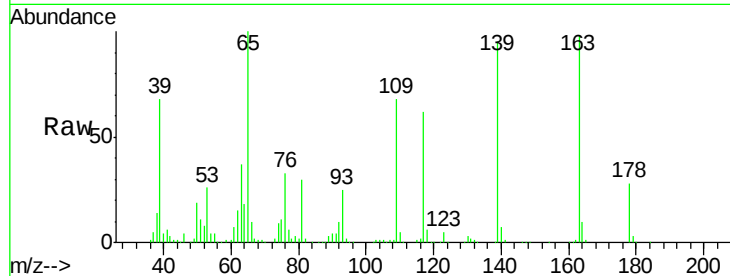
#55
4-Nitrophenol
Concen: 76.968 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	251723		
109	71.3	48.4	88.4	
65	104.9	72.6	112.6	

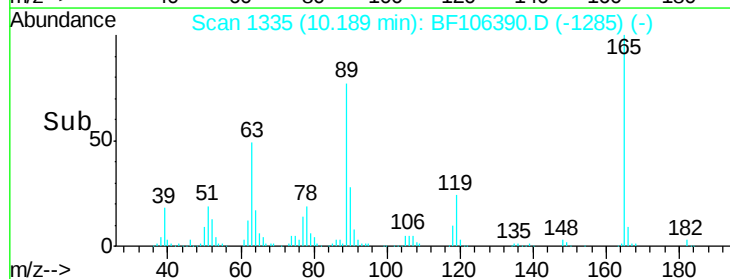
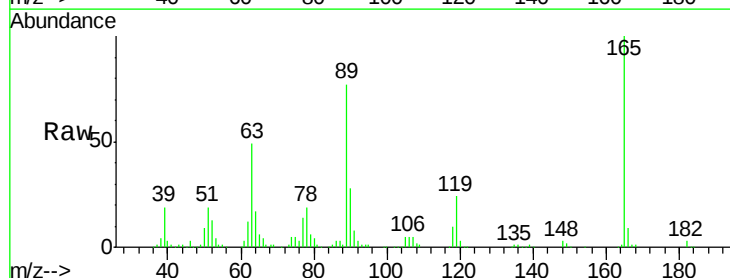
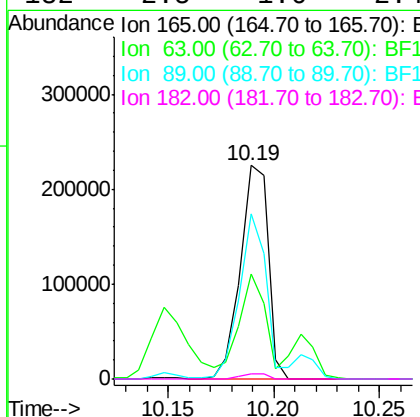
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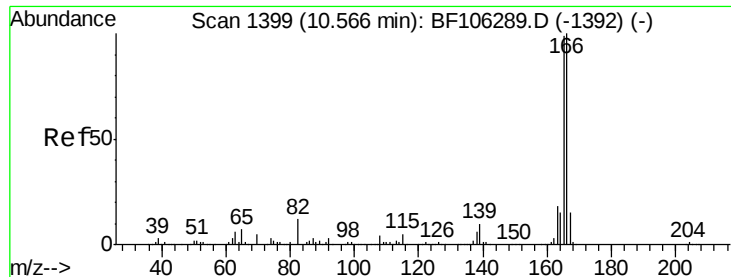
Sohil
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#56
2,4-Dinitrotoluene
Concen: 45.716 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	206381		
63	48.9	36.4	54.6	
89	77.0	57.8	86.6	
182	2.5	1.6	2.4	#





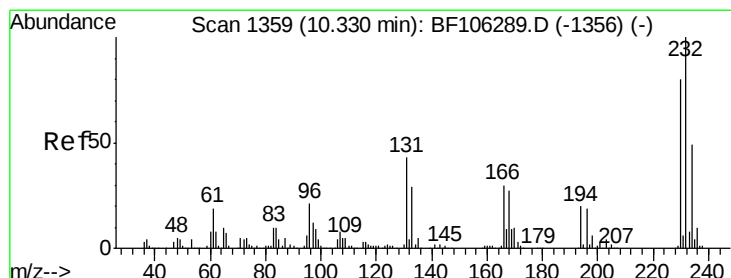
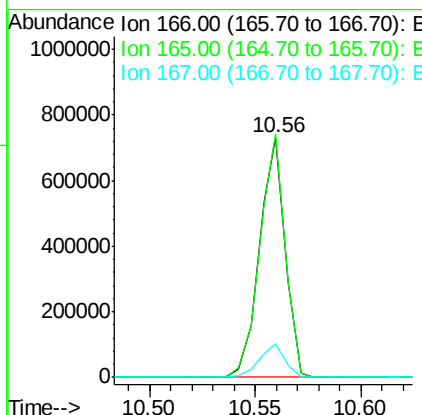
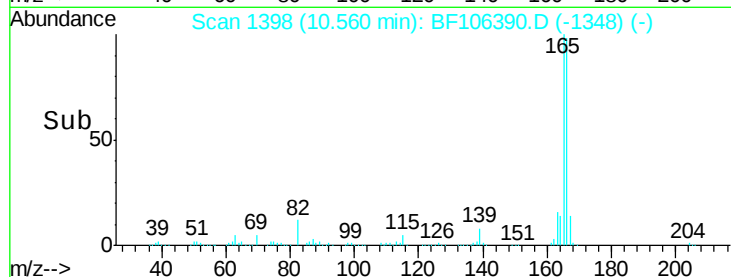
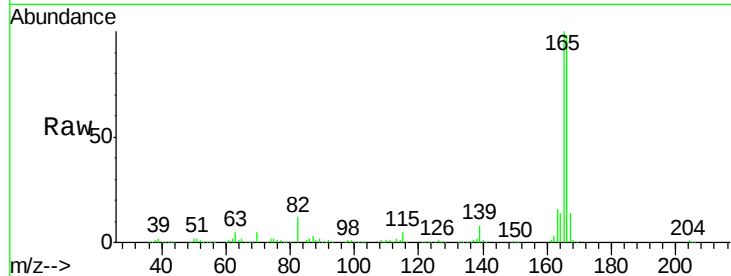
#57
 Fluorene
 Concen: 38.284 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.8	119.8
167	14.0	10.6	16.0

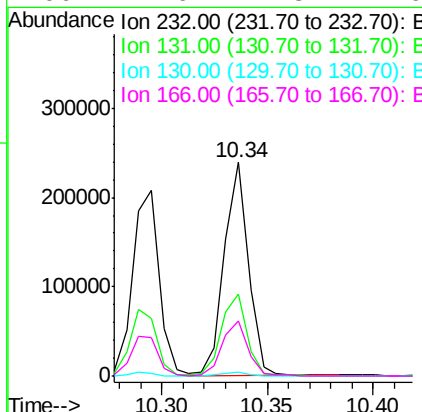
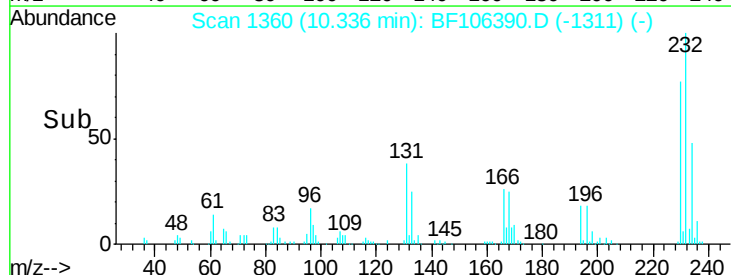
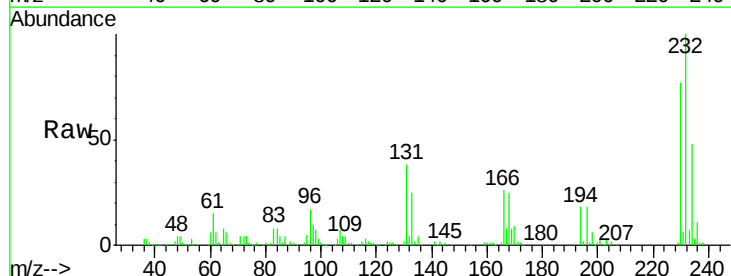
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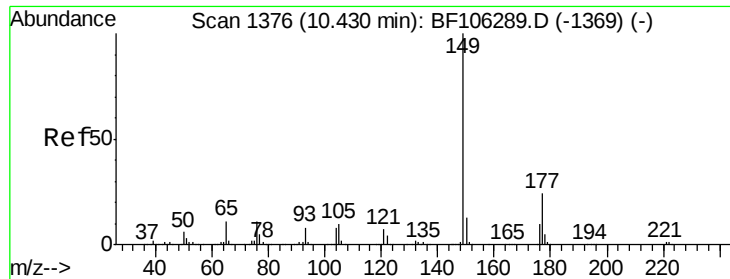
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.611 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.7	43.8	65.8#
130	1.9	2.1	3.1#
166	27.6	27.8	41.6#





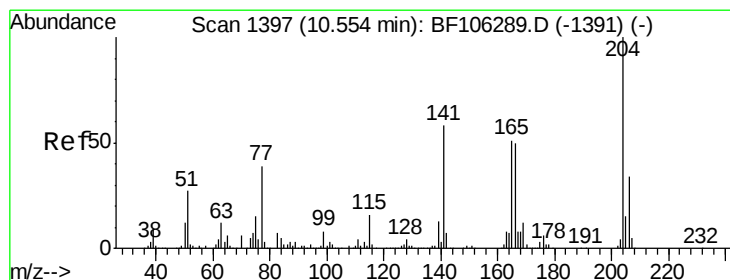
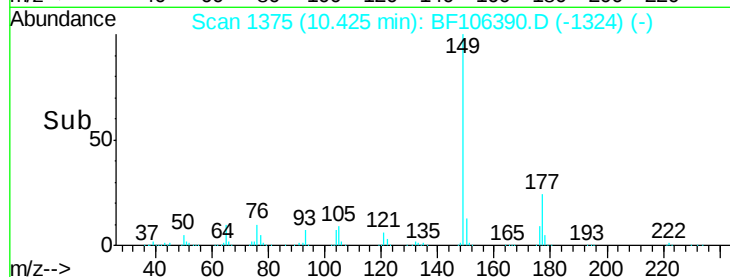
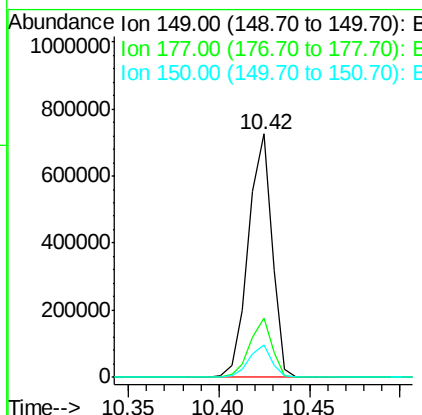
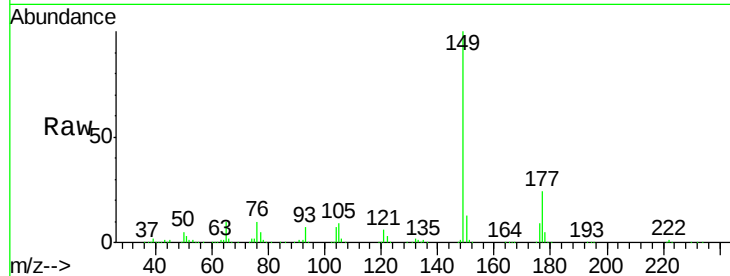
#59
Diethylphthalate
Concen: 37.748 ng
RT: 10.42 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	659385		
177	24.1	16.1	24.1#	
150	13.1	10.1	15.1	

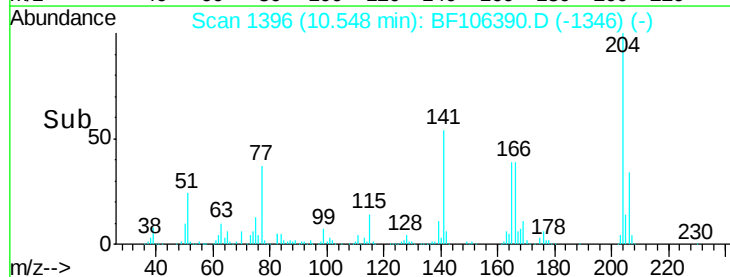
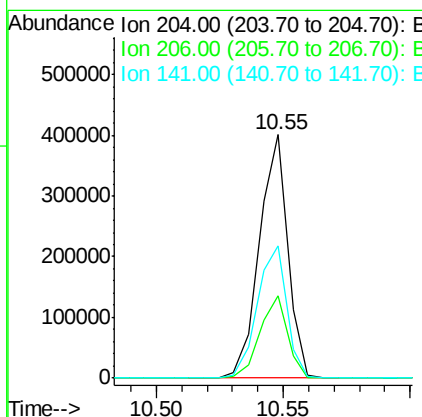
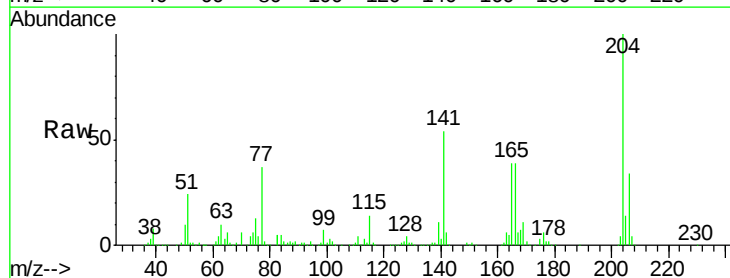
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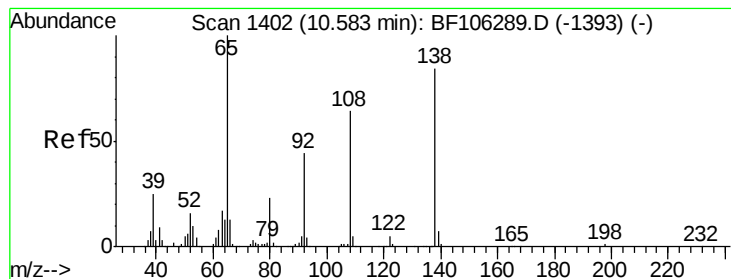
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 37.118 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	314371		
206	34.0	26.5	39.7	
141	54.4	54.6	81.8#	





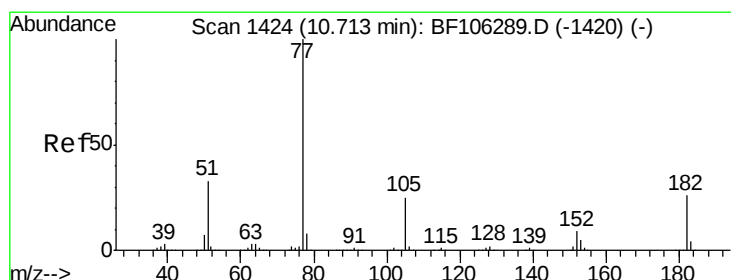
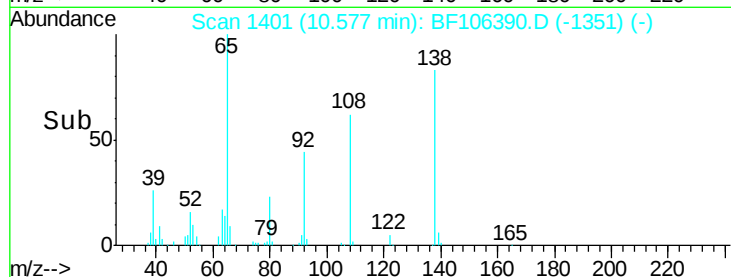
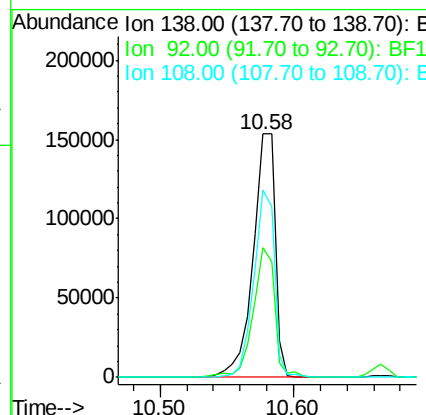
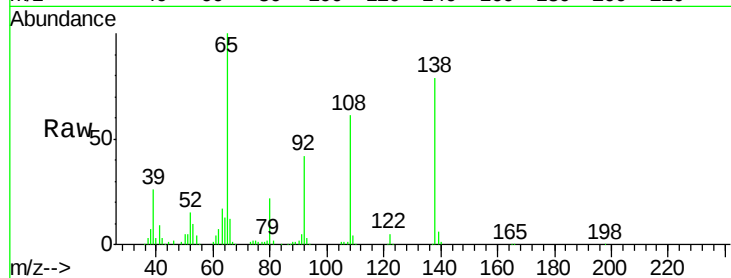
#61
4-Nitroaniline
Concen: 41.754 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	30.2	70.2
108	77.0	52.5	92.5

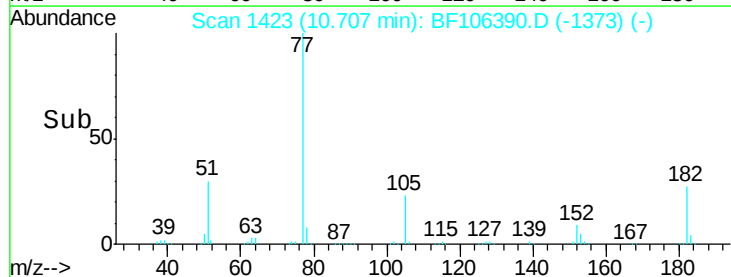
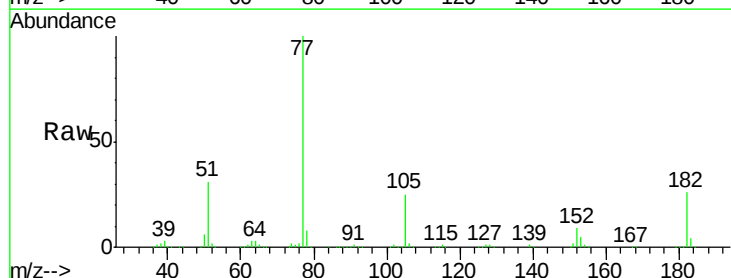
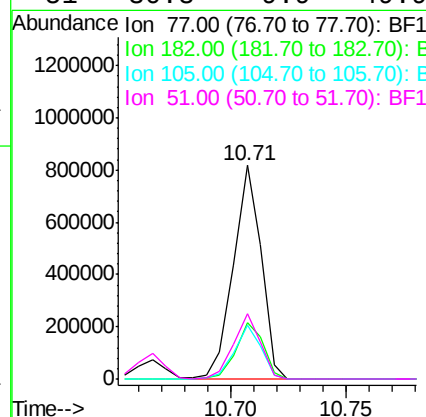
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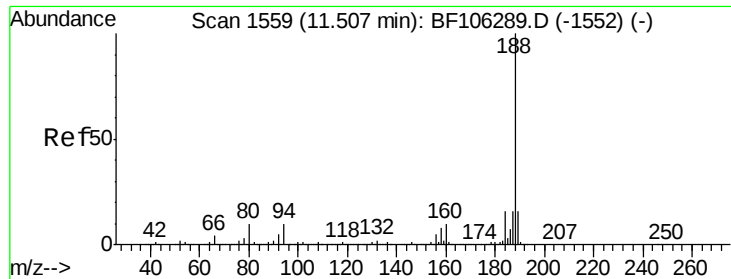
Sohil
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#62
Azobenzene
Concen: 37.625 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	1.7	41.7
105	25.4	3.0	43.0
51	30.8	9.9	49.9





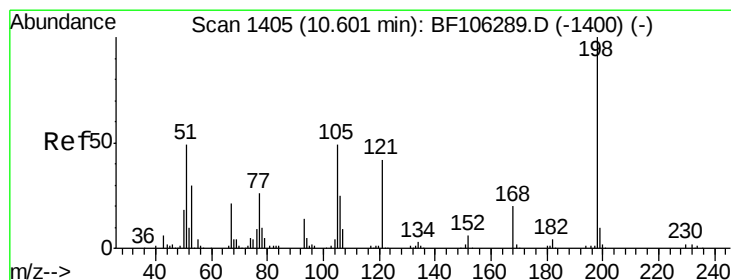
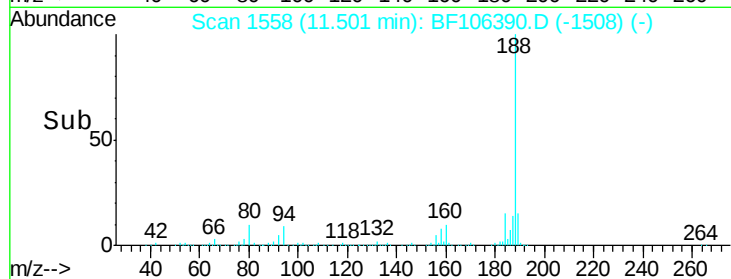
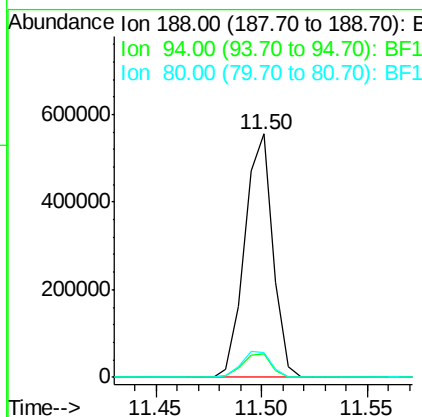
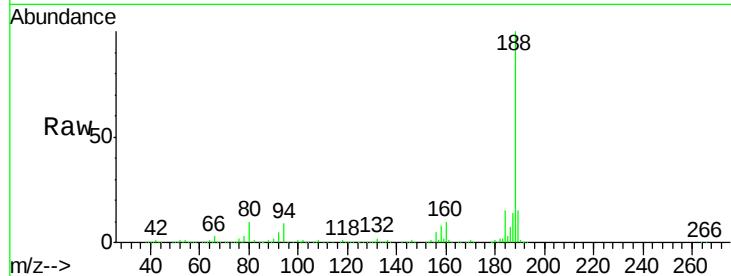
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	511722		
94	9.4		8.5	12.7
80	10.2		9.2	13.8

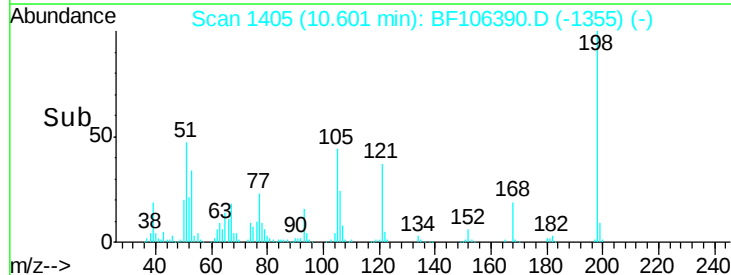
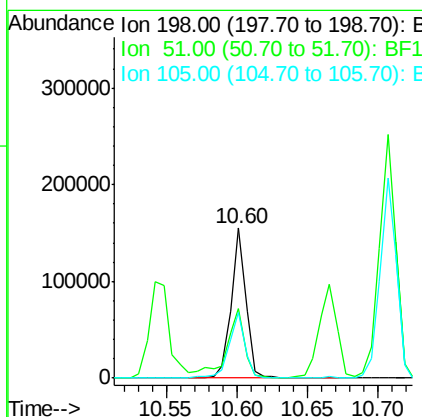
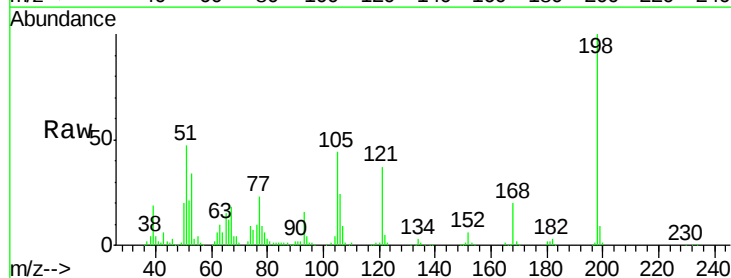
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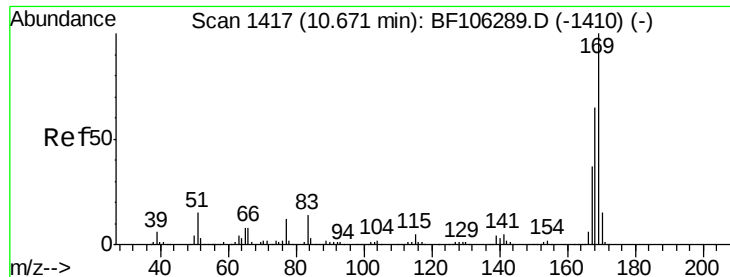
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.971 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	113349		
51	46.6		37.7	77.7
105	43.9		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 34.281 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

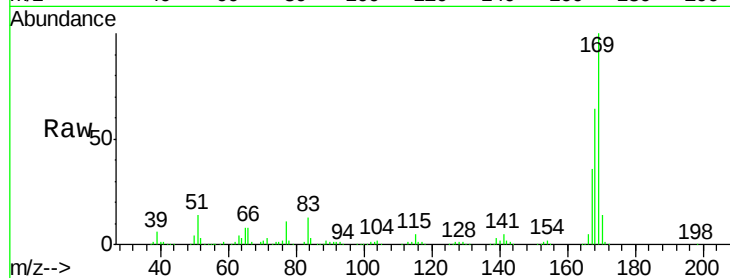
ClientSampleId :

PB110210BS

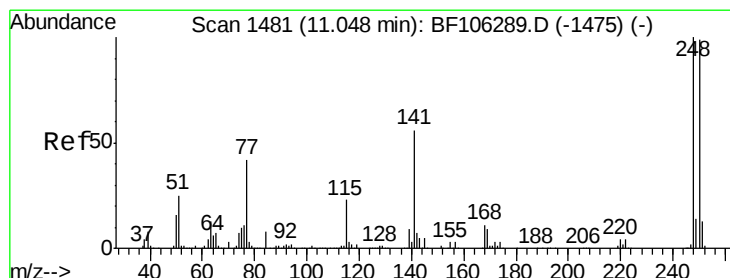
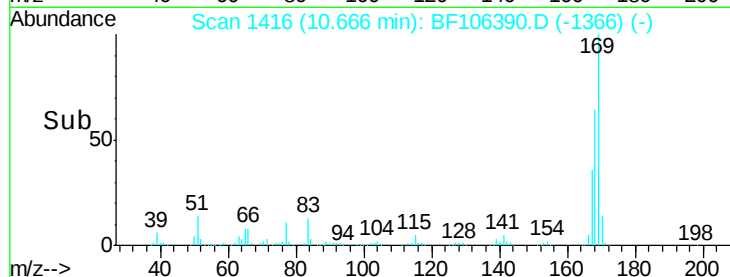
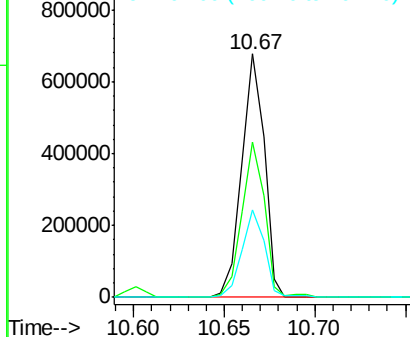
Tot Ion:	169	Resp:	589564
Ion Ratio	Lower	Upper	
169	100		
168	63.7	54.4	81.6
167	36.0	29.8	44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.338 ng

RT: 11.04 min Scan# 1479

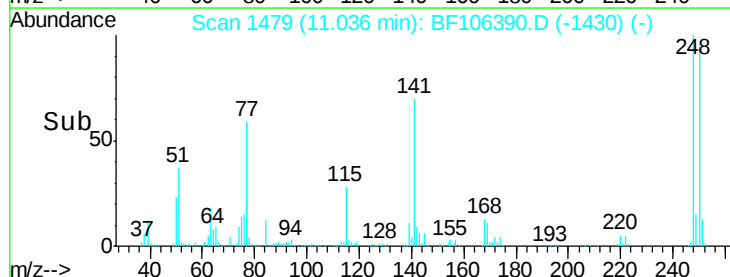
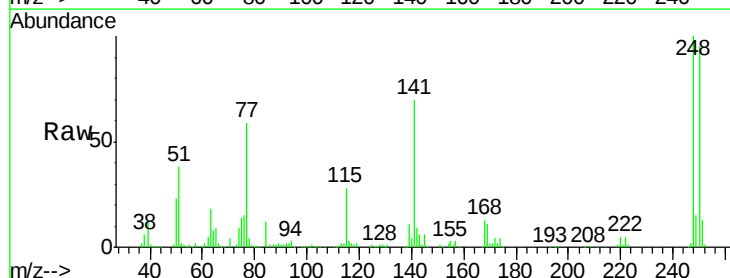
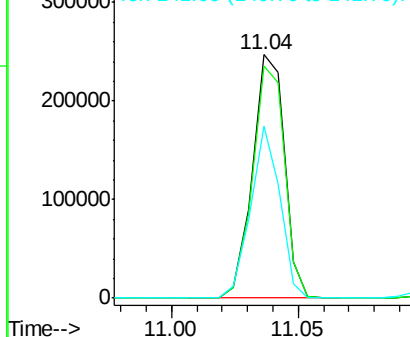
Delta R.T. -0.01 min

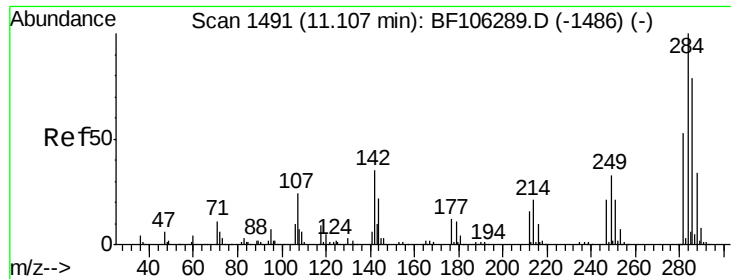
Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:	248	Resp:	217318
Ion Ratio	Lower	Upper	
248	100		
250	95.4	76.9	115.3
141	70.4	74.4	111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





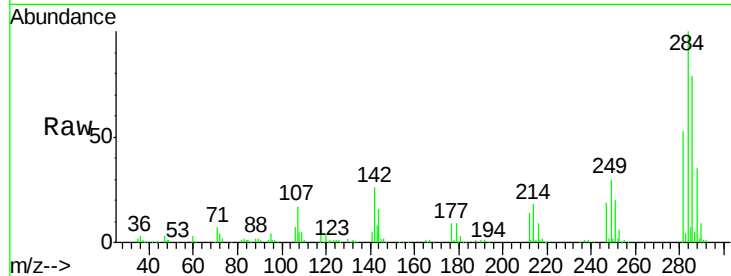
#67
Hexachlorobenzene
Concen: 37.836 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

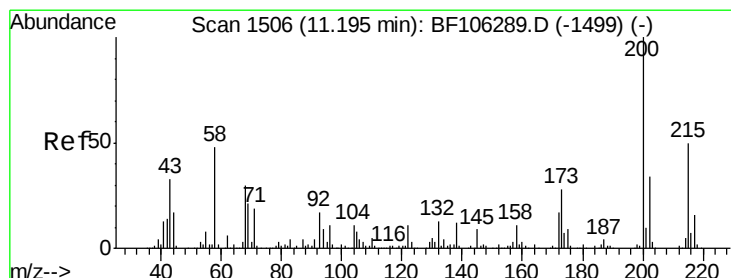
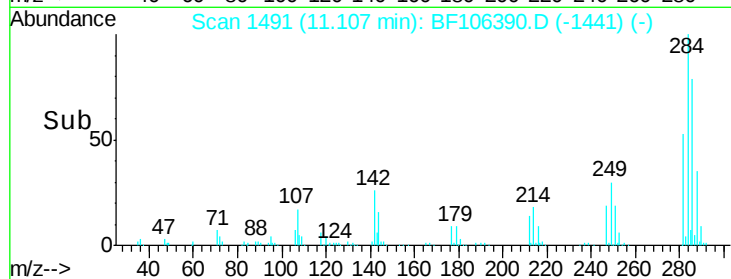
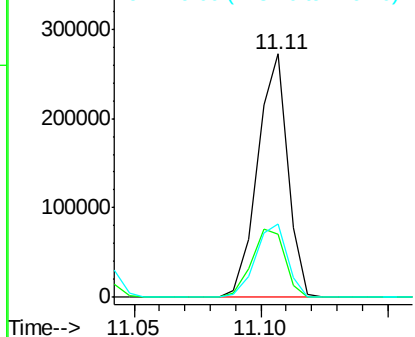
Tot Ion	Ratio	Resp	Lower	Upper
284	100	227028		
142	26.0	34.6	52.0#	
249	30.1	24.8	37.2	

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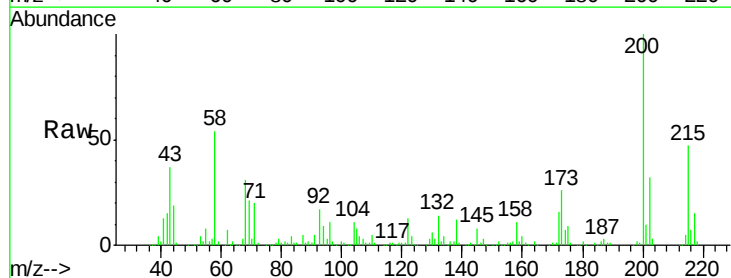


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

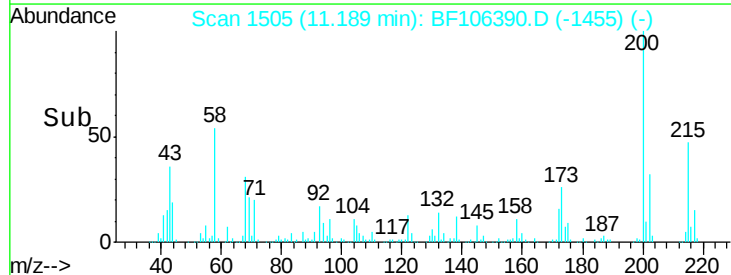
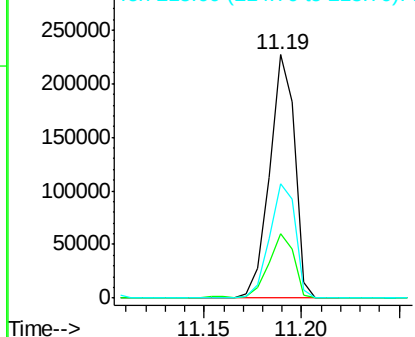


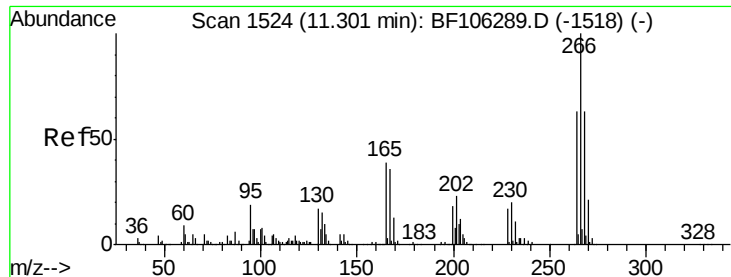
#68
Atrazine
Concen: 38.002 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	201411		
173	26.4	8.6	48.6	
215	47.0	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





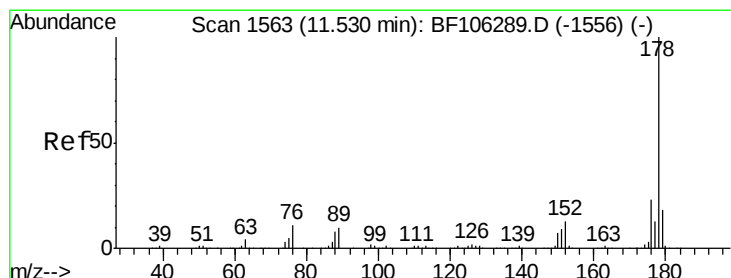
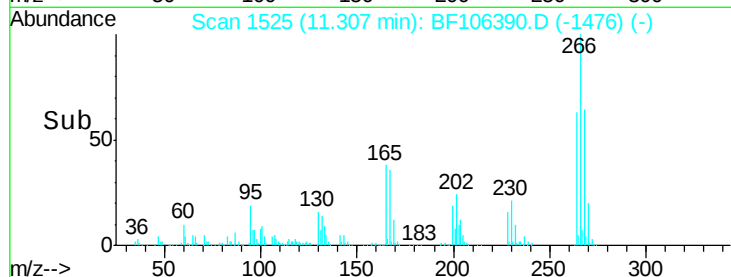
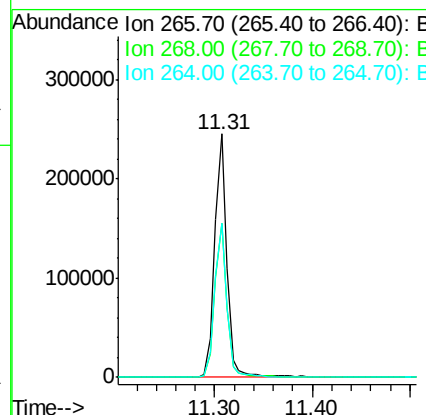
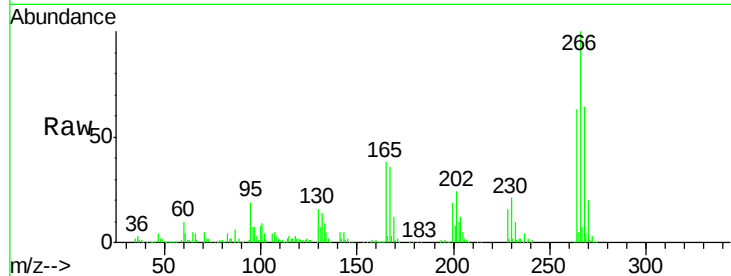
#69
 Pentachlorophenol
 Concen: 58.160 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	214858		
268	63.5	51.1	76.7	
264	63.4	49.5	74.3	

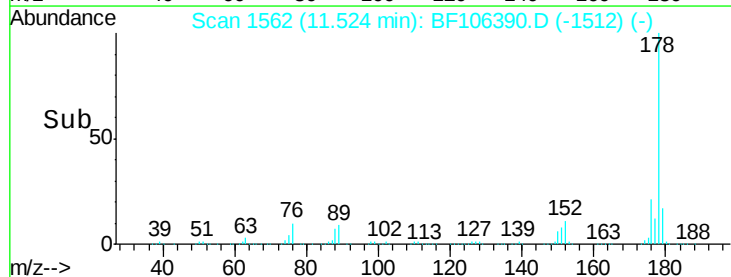
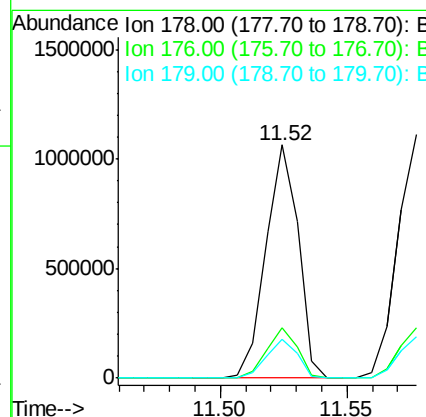
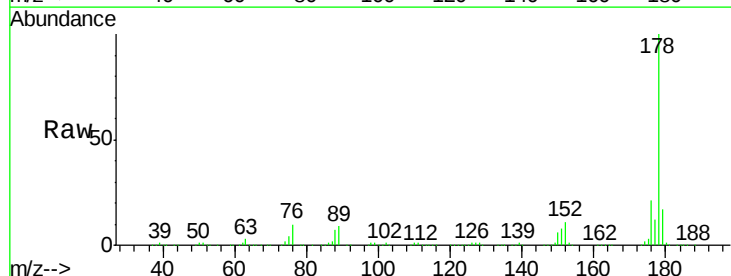
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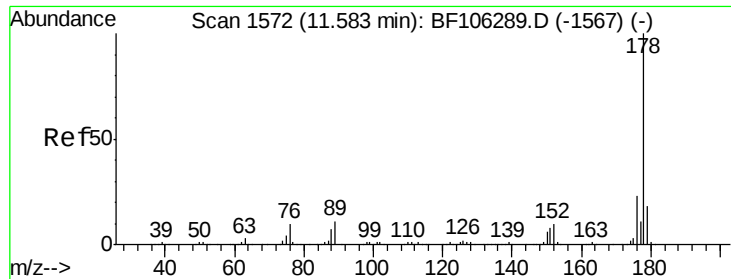
Sohil
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#70
 Phenanthrene
 Concen: 38.014 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	952662		
176	21.4	15.8	23.8	
179	16.7	13.0	19.6	





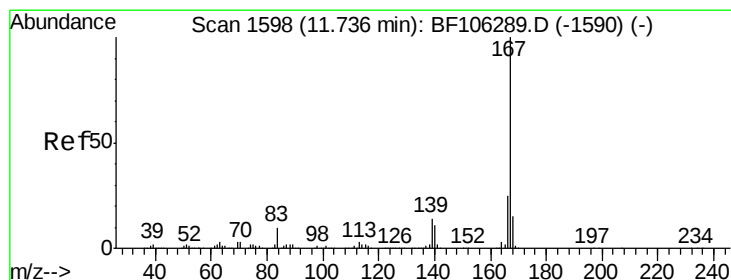
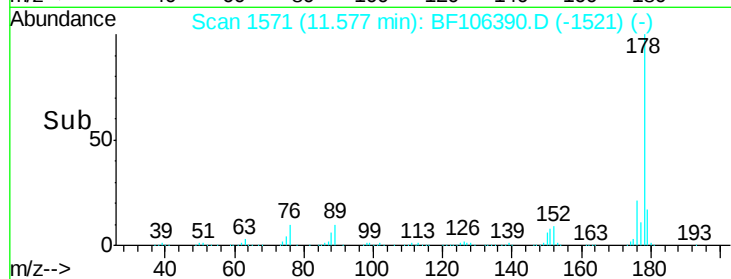
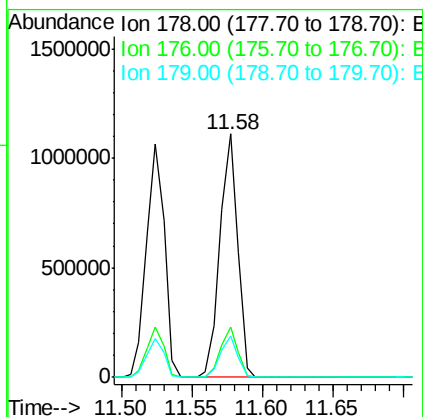
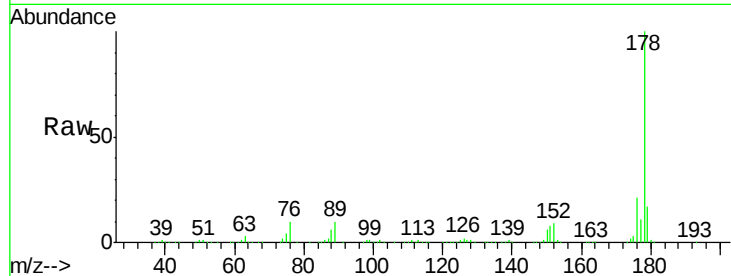
#71
 Anthracene
 Concen: 38.814 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampled :
 PB110210BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	16.8	12.6	19.0

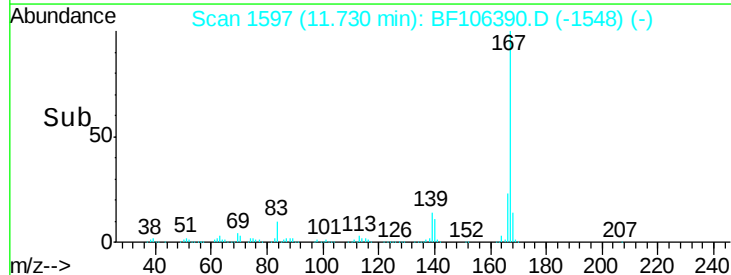
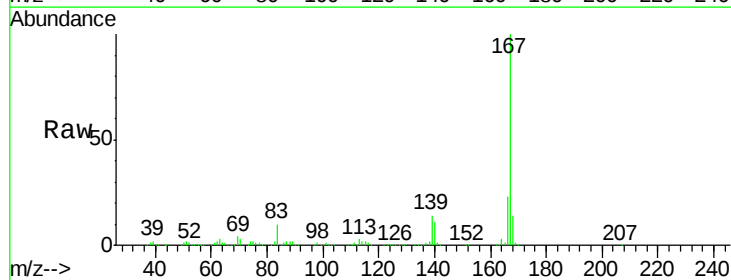
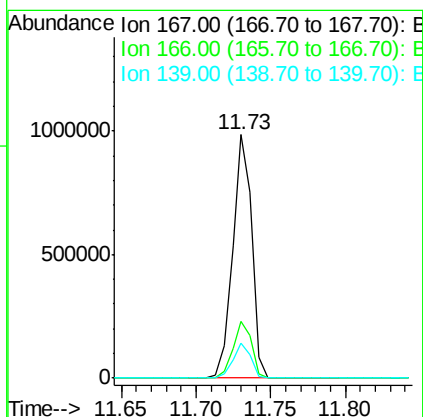
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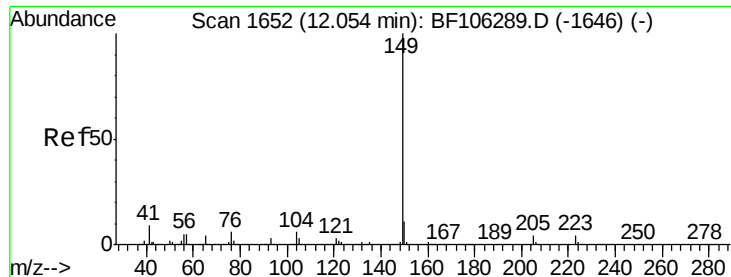
Sohil
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#72
 Carbazole
 Concen: 38.367 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.6	26.4
139	14.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.939 ng

RT: 12.05 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

ClientSampleId :

PB110210BS

Tot Ion:149 Resp: 1056109

Ion Ratio Lower Upper

149 100

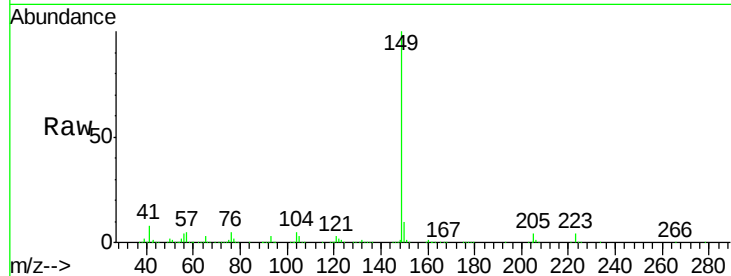
150 10.2 7.8 11.6

104 5.5 3.8 5.8

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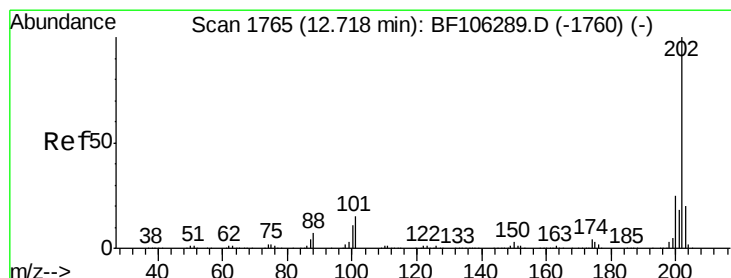
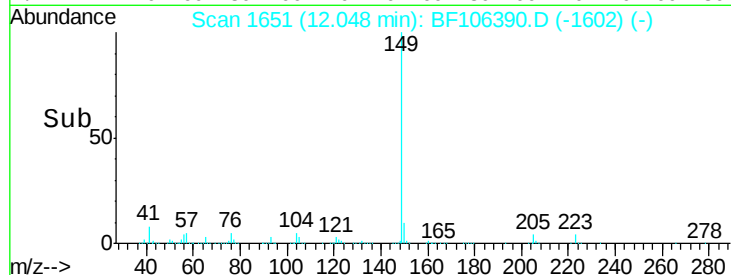
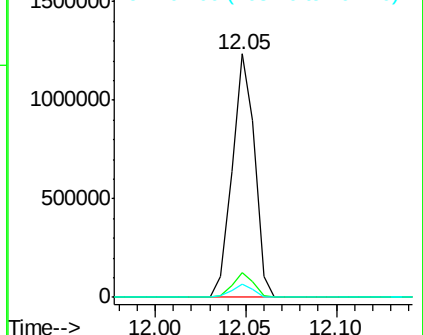
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.114 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

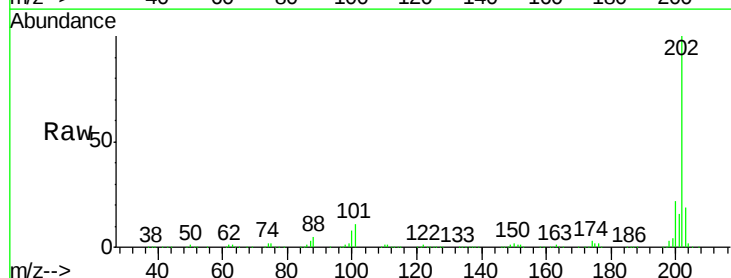
Tgt Ion:202 Resp: 1072095

Ion Ratio Lower Upper

202 100

101 11.3 0.0 34.1

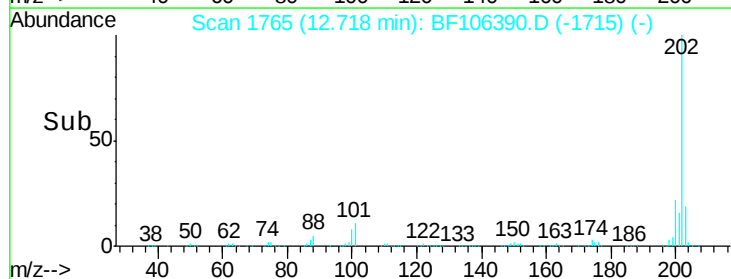
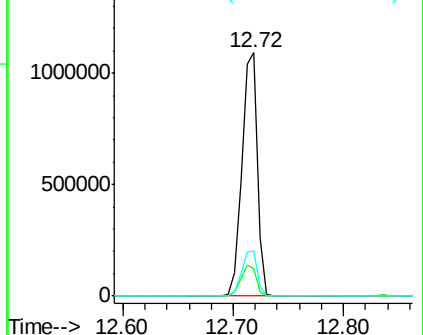
203 18.7 0.0 38.1

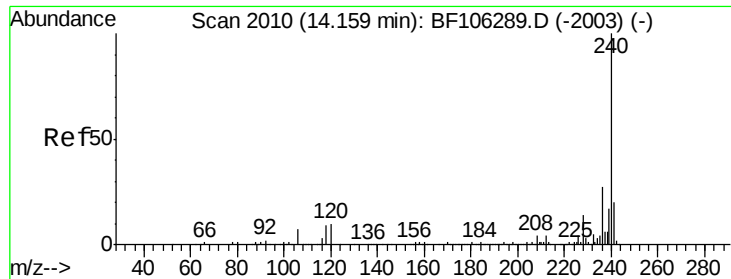


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

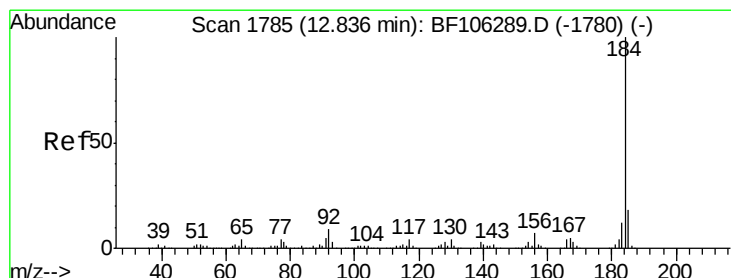
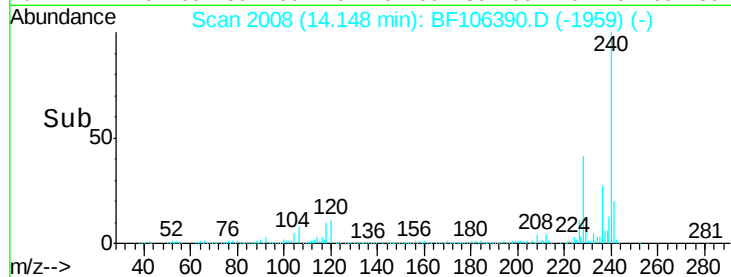
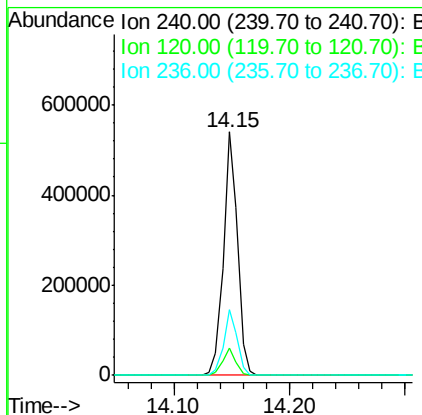
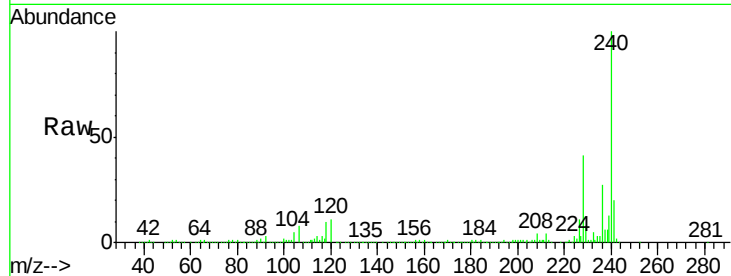
ClientSampleId :

PB110210BS

Tot Ion:	240	Resp:	454856
Ion Ratio		Lower	Upper
240	100		
120	11.1	9.5	14.3
236	27.0	20.7	31.1

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#76

Benzidine

Concen: 43.404 ng

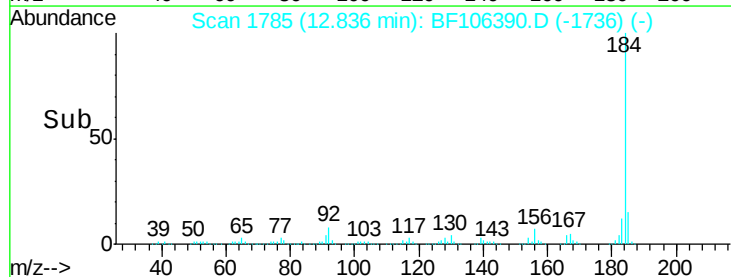
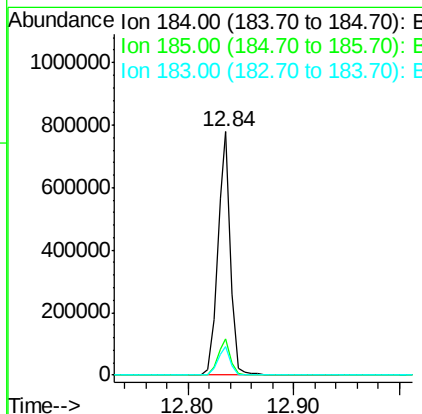
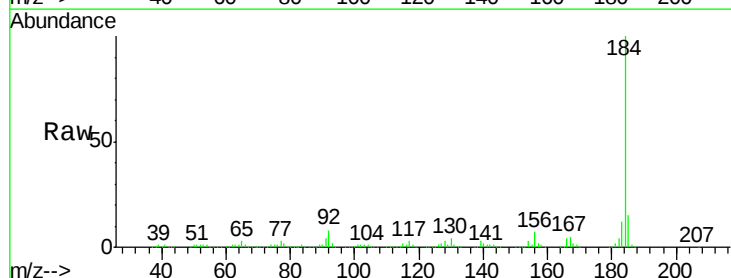
RT: 12.84 min Scan# 1785

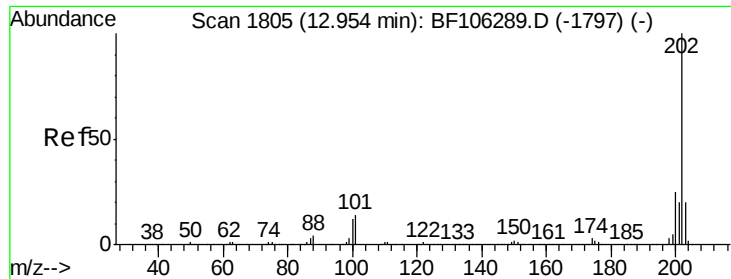
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:	184	Resp:	657054
Ion Ratio		Lower	Upper
184	100		
185	14.7	12.6	18.8
183	11.9	9.3	13.9





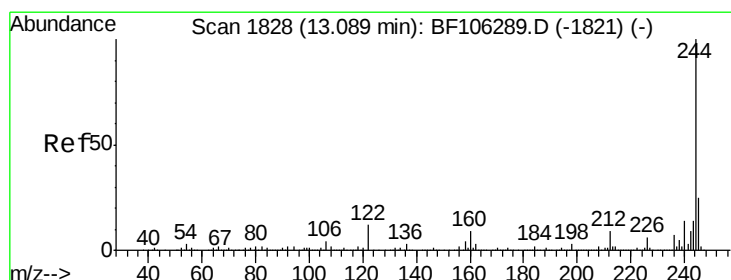
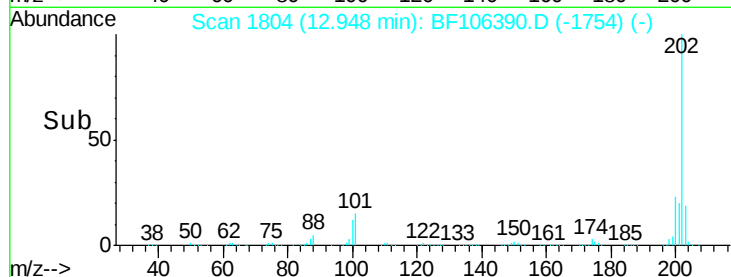
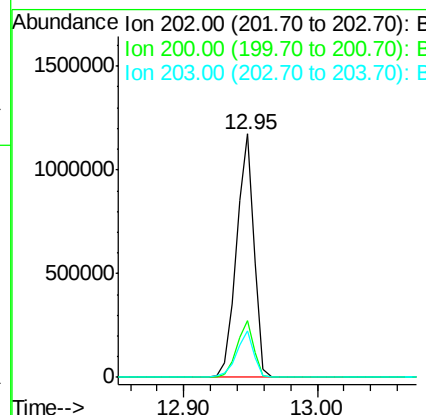
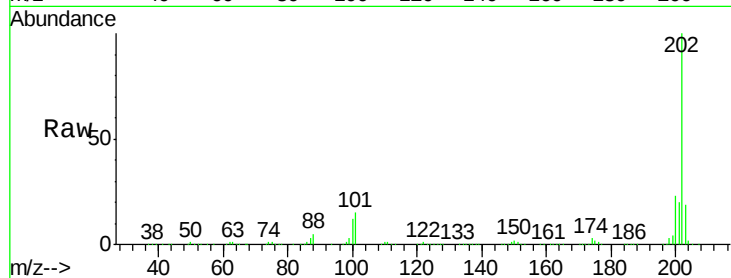
#77
Pvrene
Concen: 37.953 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.4	26.2
203	19.3	14.3	21.5

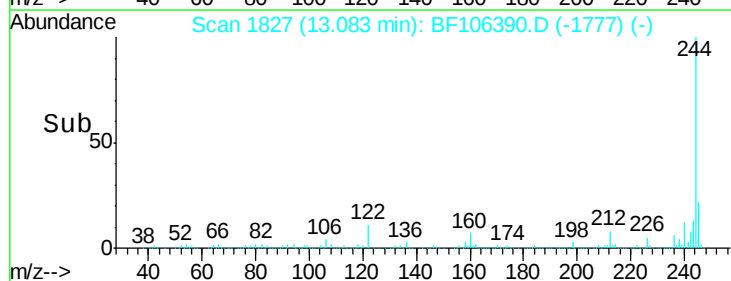
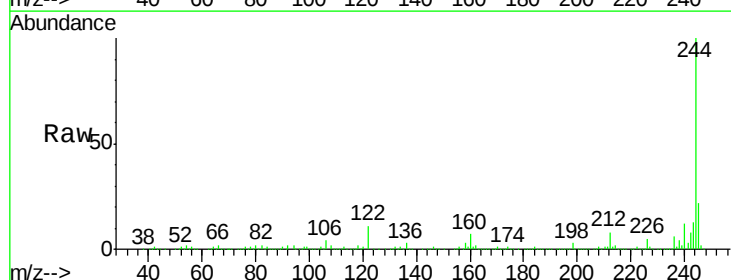
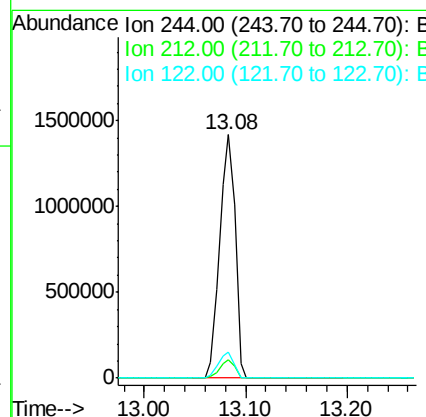
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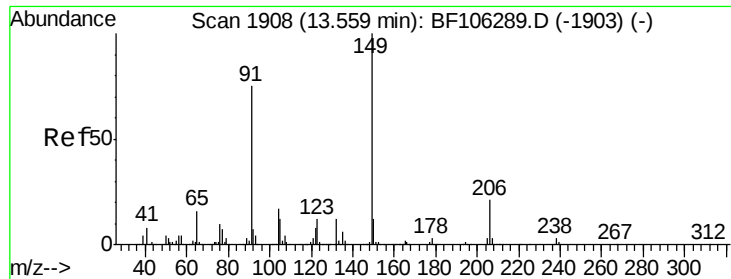
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#78
Terphenyl-d14
Concen: 82.431 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.7	11.0	16.4





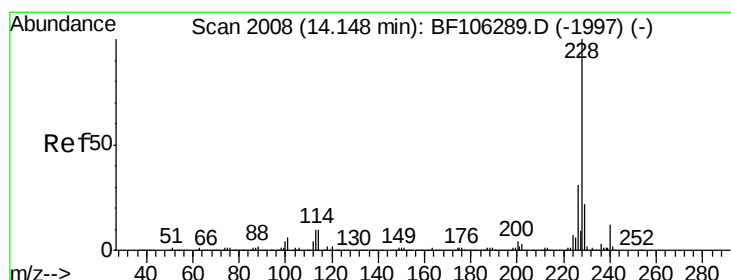
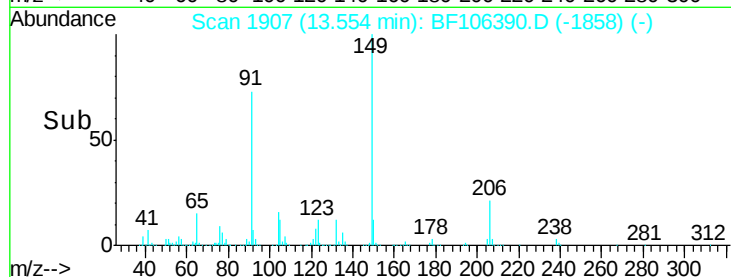
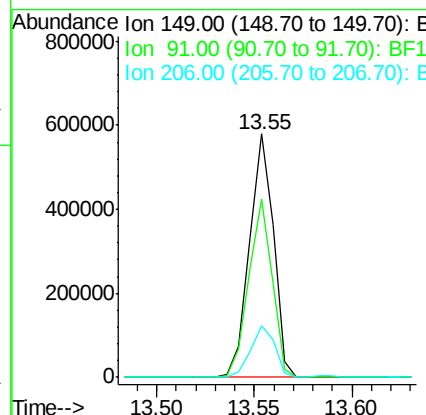
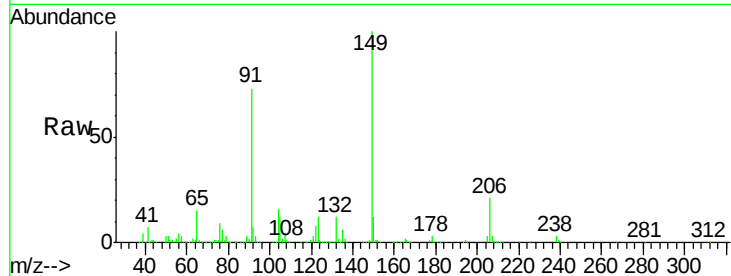
#79
Butylbenzylphthalate
Concen: 46.327 ng
RT: 13.55 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	493823		
91	73.5	56.8	85.2	
206	21.0	14.1	21.1	

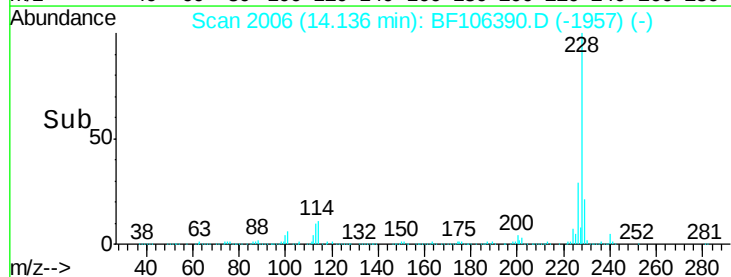
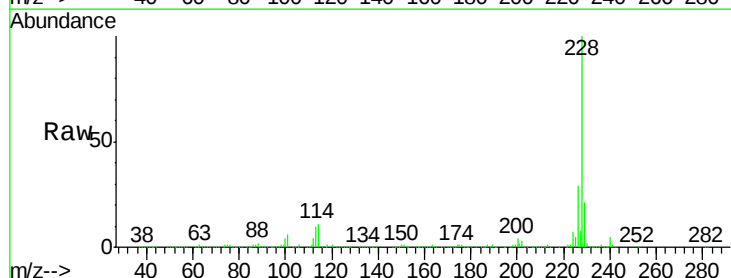
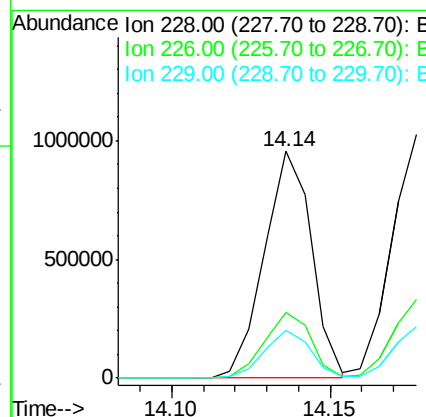
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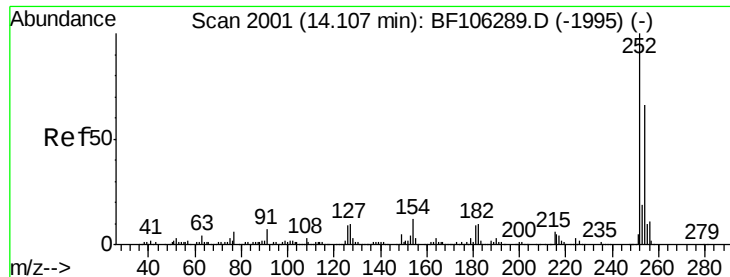
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#80
Benzo(a)anthracene
Concen: 36.729 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	994193		
226	29.0	22.6	33.8	
229	21.1	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 19.641 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

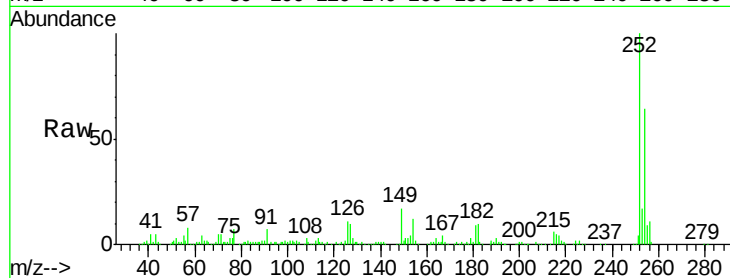
ClientSampleId :

PB110210BS

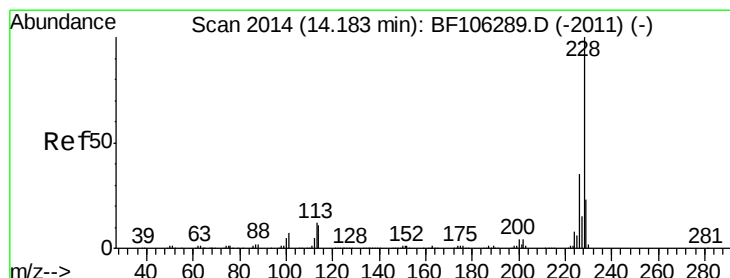
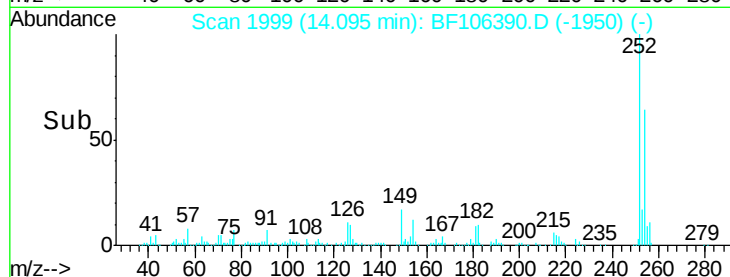
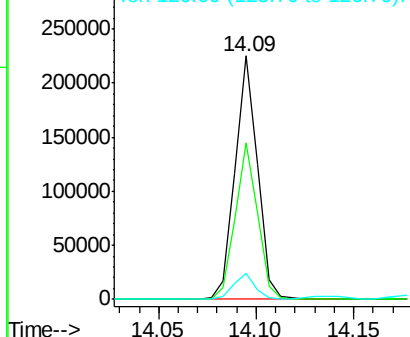
Tot Ion:	252	Resp:	179378
Ion Ratio		Lower	Upper
252	100		
254	64.3	50.4	75.6
126	10.6	11.3	16.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.767 ng

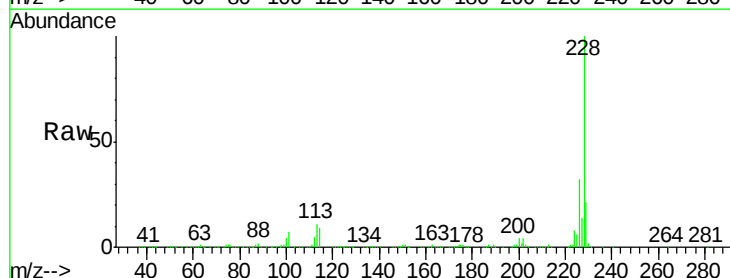
RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

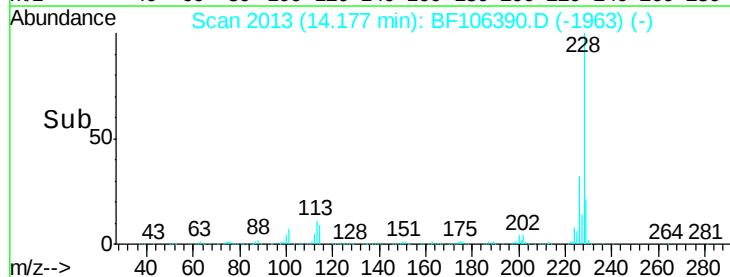
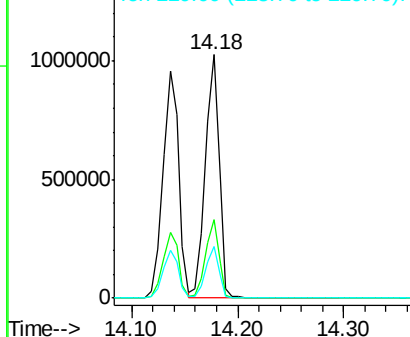
Lab File: BF106390.D

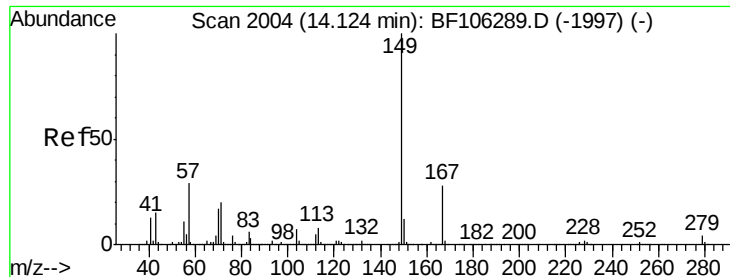
Acq: 13 Jun 2018 14:50

Tgt Ion:	228	Resp:	933355
Ion Ratio		Lower	Upper
228	100		
226	32.5	25.0	37.6
229	21.1	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.157 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

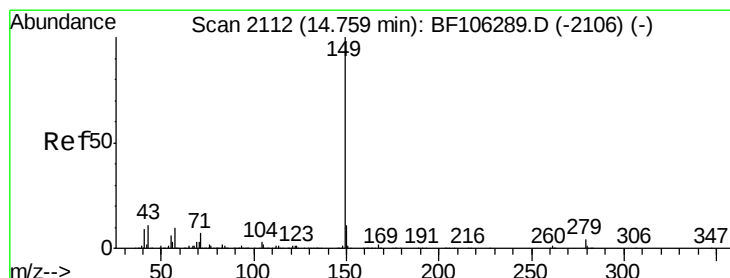
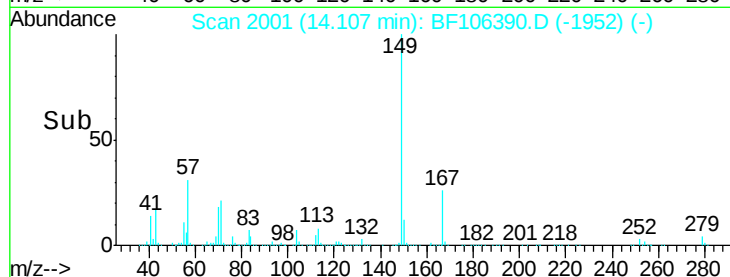
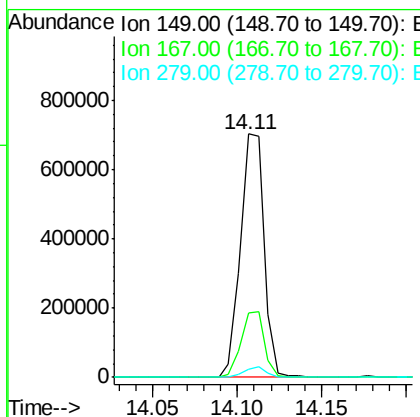
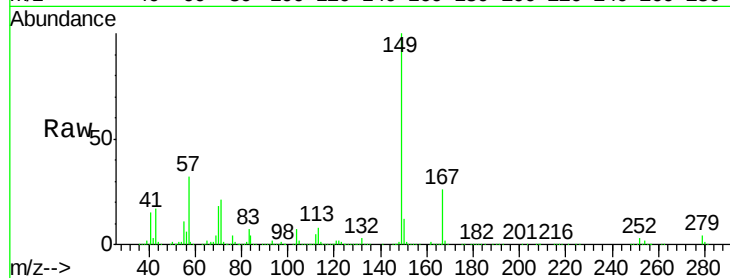
ClientSampleId :

PB110210BS

Tot Ion:	149	Resp:	690169
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.3	31.9
279	3.6	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 46.500 ng

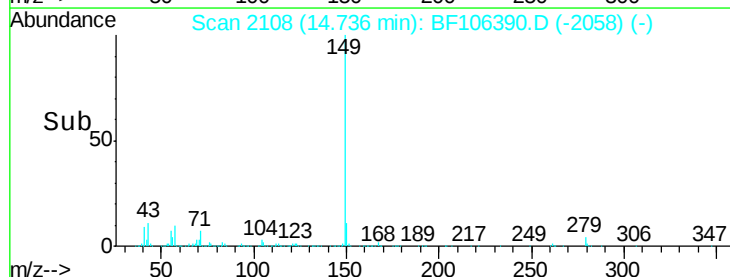
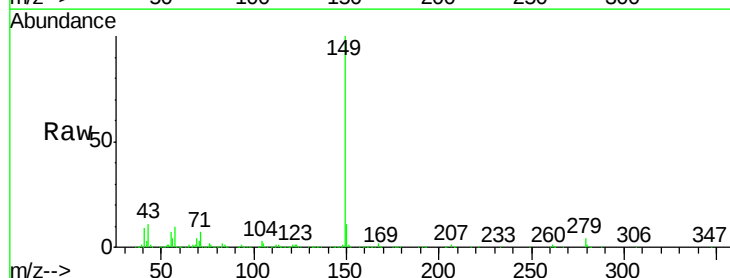
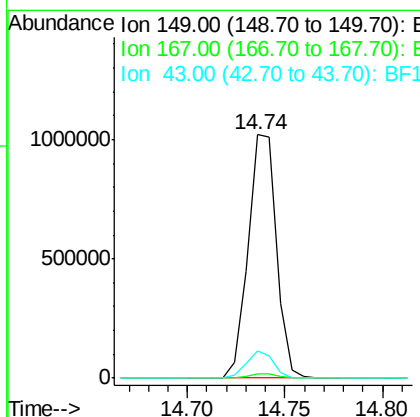
RT: 14.74 min Scan# 2108

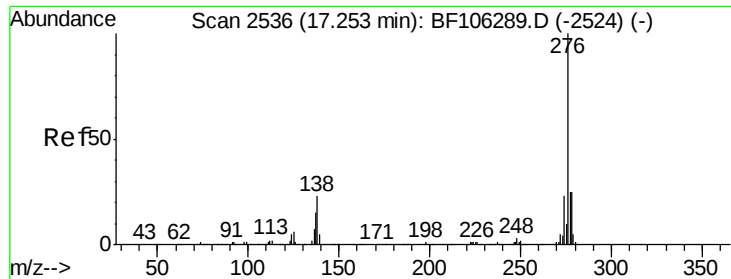
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion:	149	Resp:	1024589
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.3	8.4	12.6





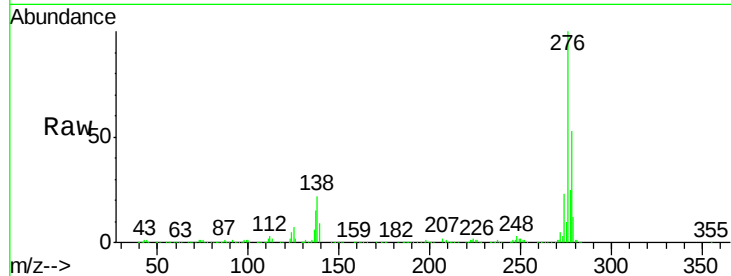
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.015 ng
RT: 17.25 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

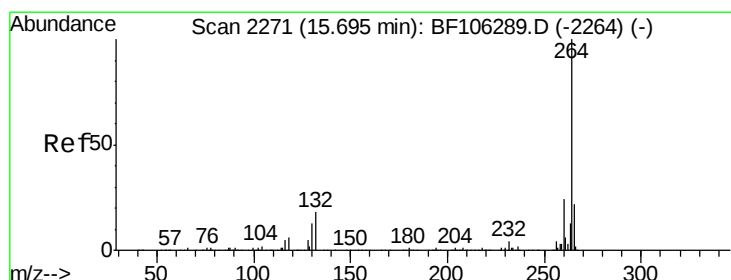
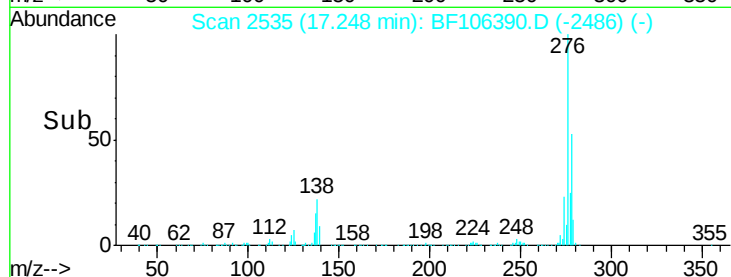
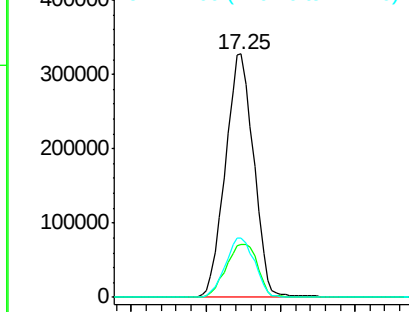
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.3	20.1	30.1

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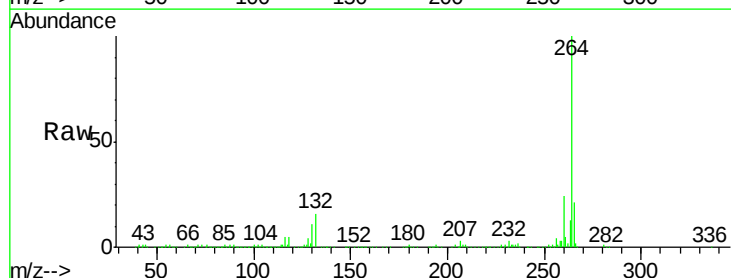


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

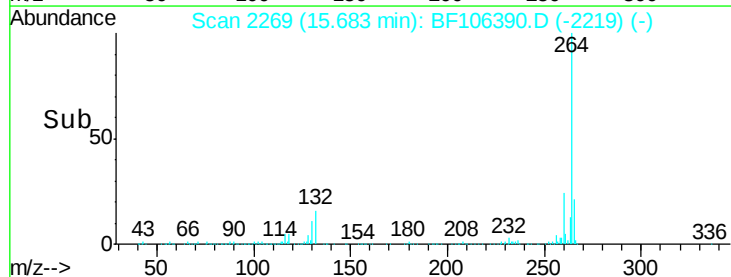
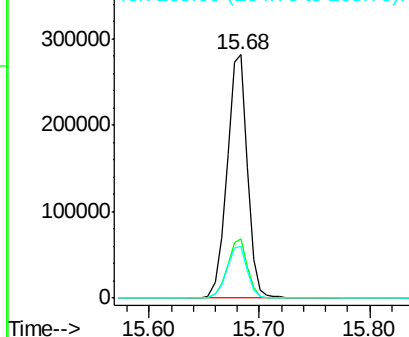


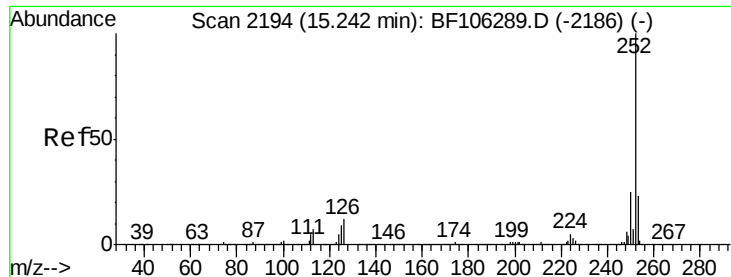
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.439 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Instrument :

BNA_F

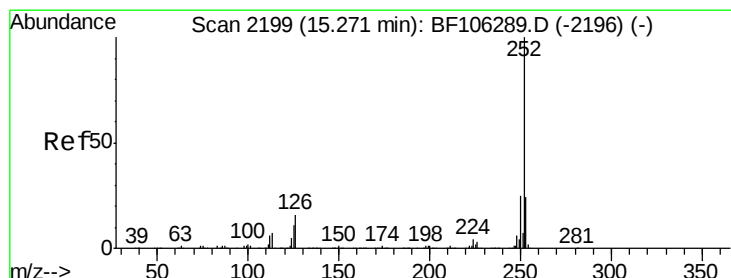
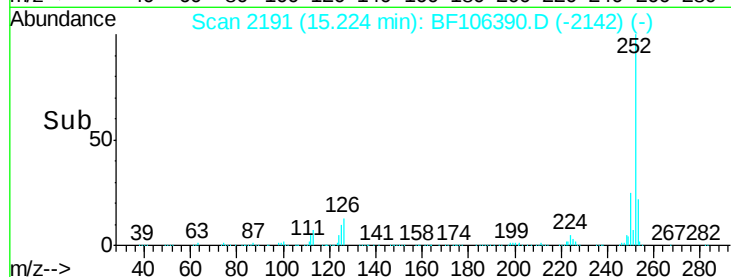
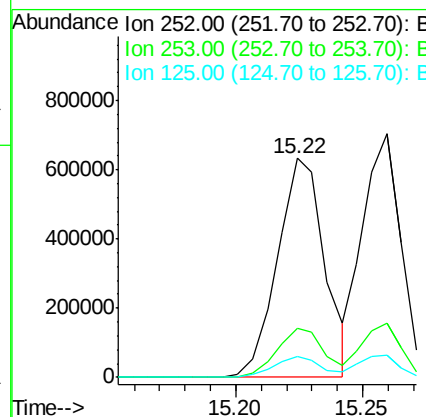
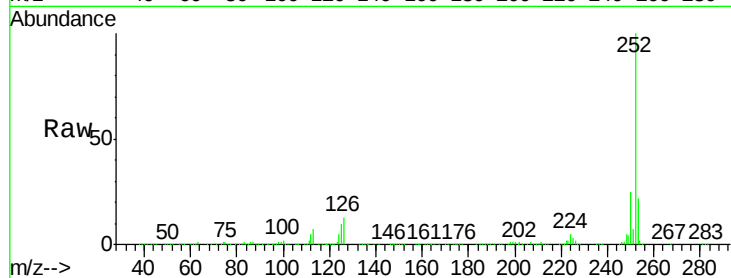
ClientSampleId :

PB110210BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 34.440 ng

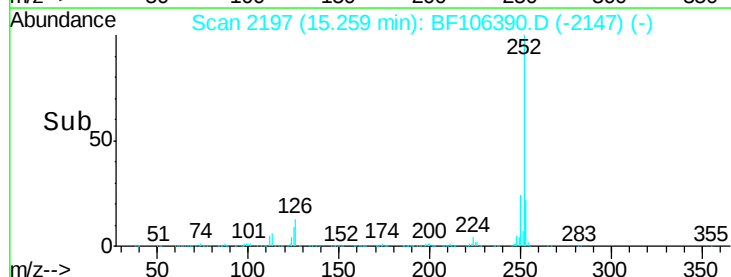
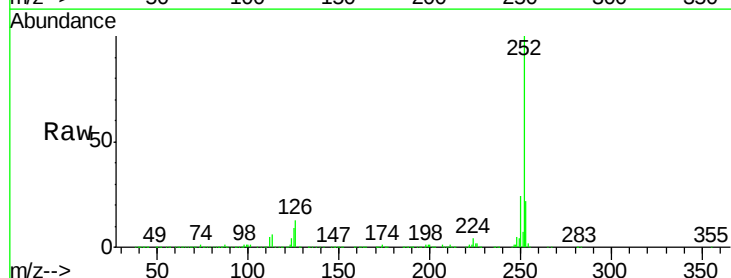
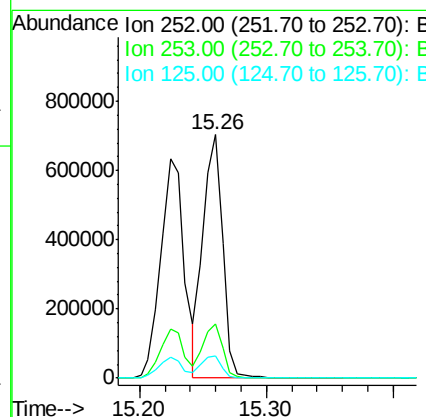
RT: 15.26 min Scan# 2197

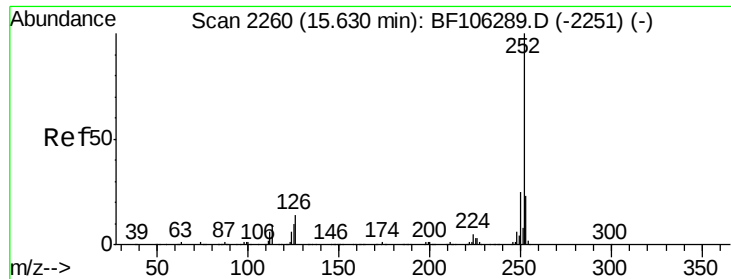
Delta R.T. -0.01 min

Lab File: BF106390.D

Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	9.4	10.2	15.2#





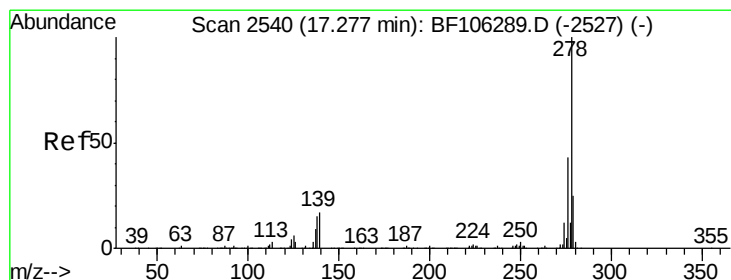
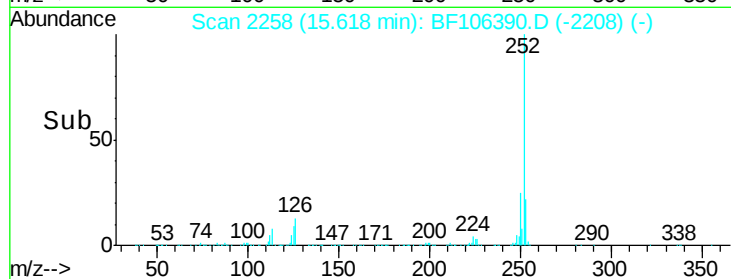
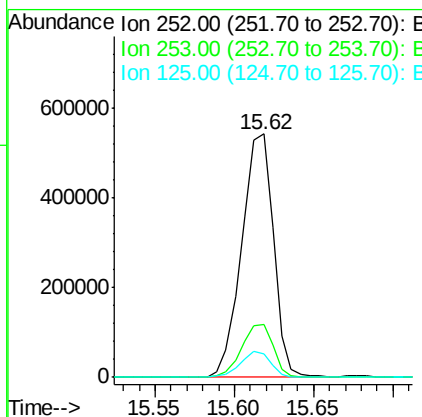
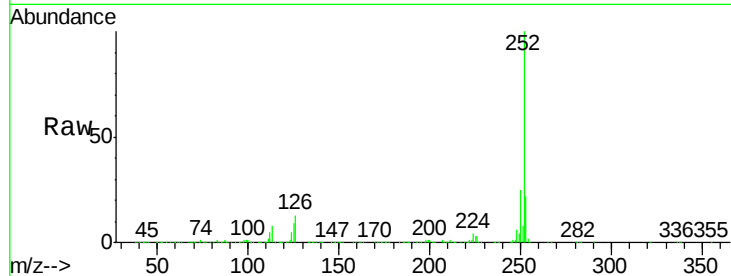
#89
Benzo(a)pyrene
Concen: 38.265 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Instrument :
BNA_F
ClientSampleId :
PB110210BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	9.4	9.8	14.6

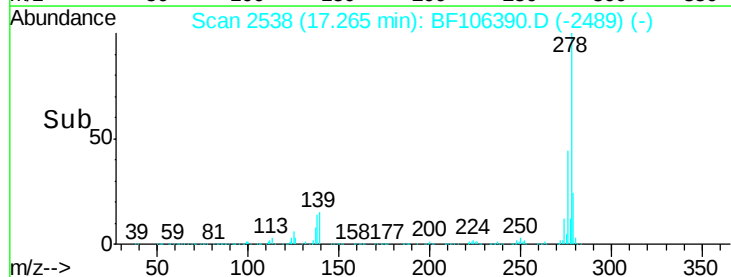
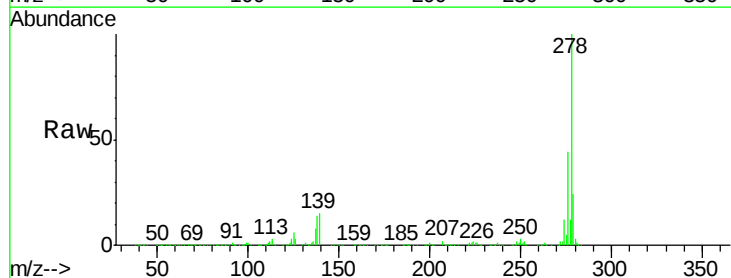
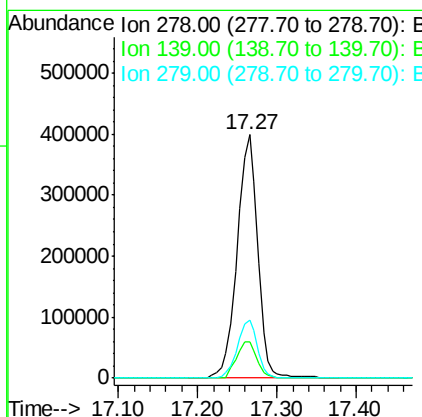
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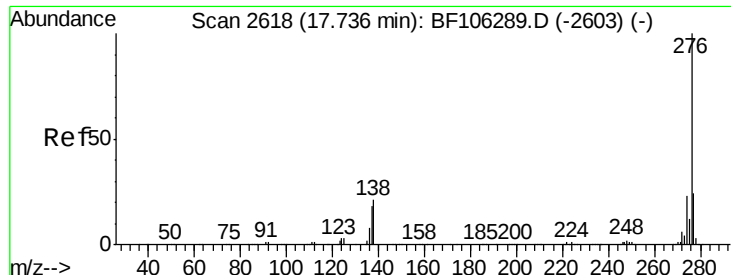
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#90
Dibenzo(a,h)anthracene
Concen: 43.603 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF106390.D
Acq: 13 Jun 2018 14:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.135 ng
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BF106390.D
 Acq: 13 Jun 2018 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB110210BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	17.9	26.9
138	21.2	21.8	32.8

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